

FIG. 1

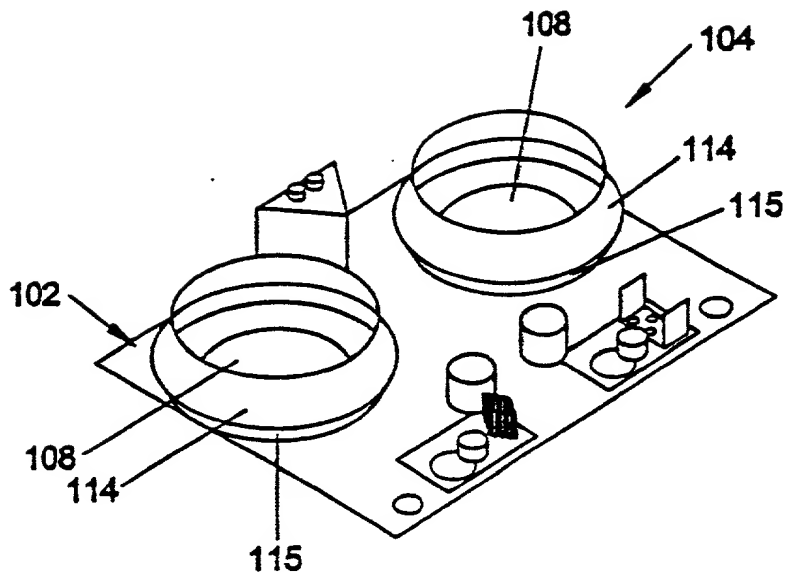


FIG. 2

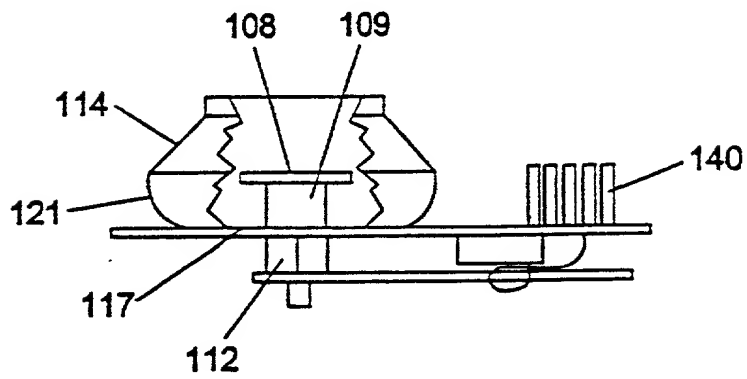


FIG. 3

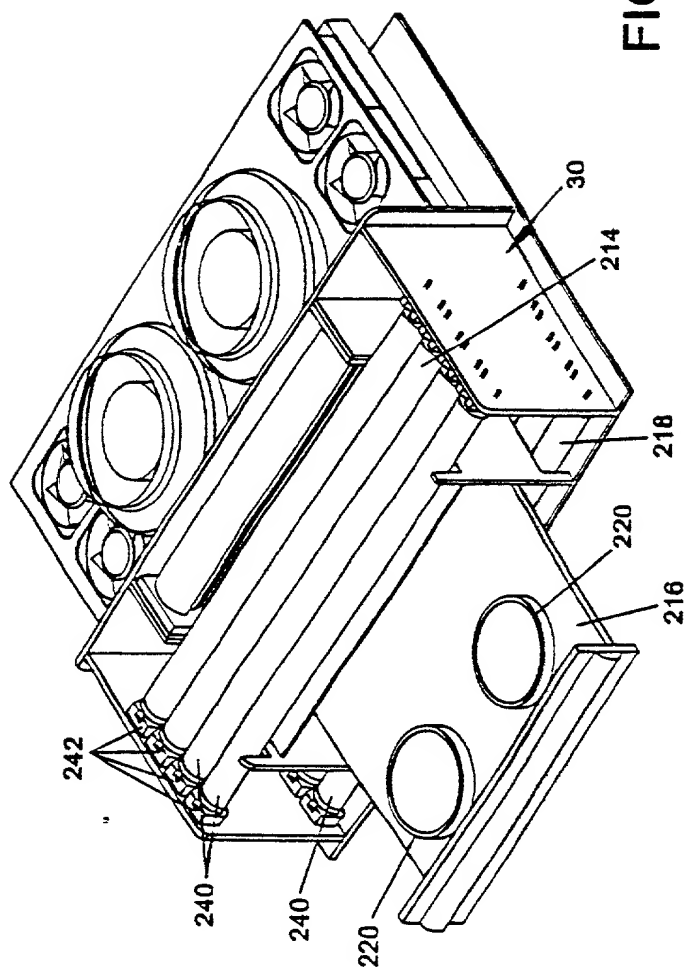


FIG. 4

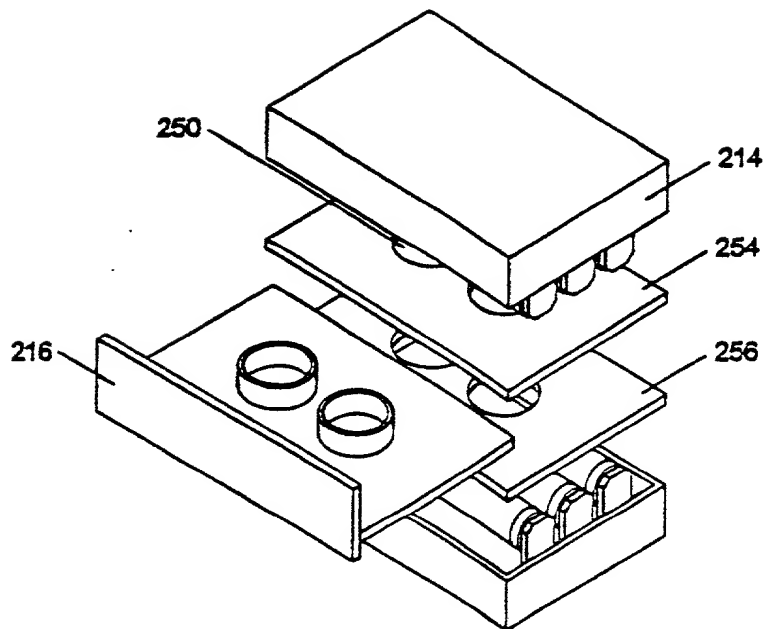


FIG. 5

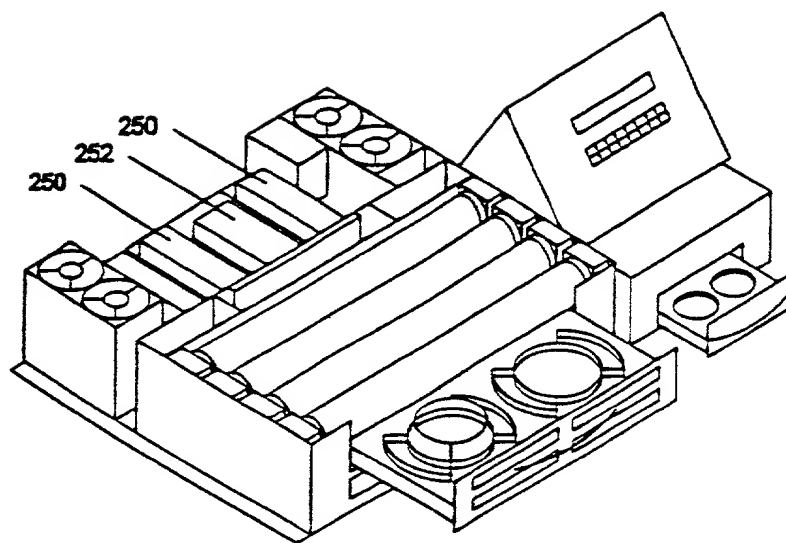


FIG. 6

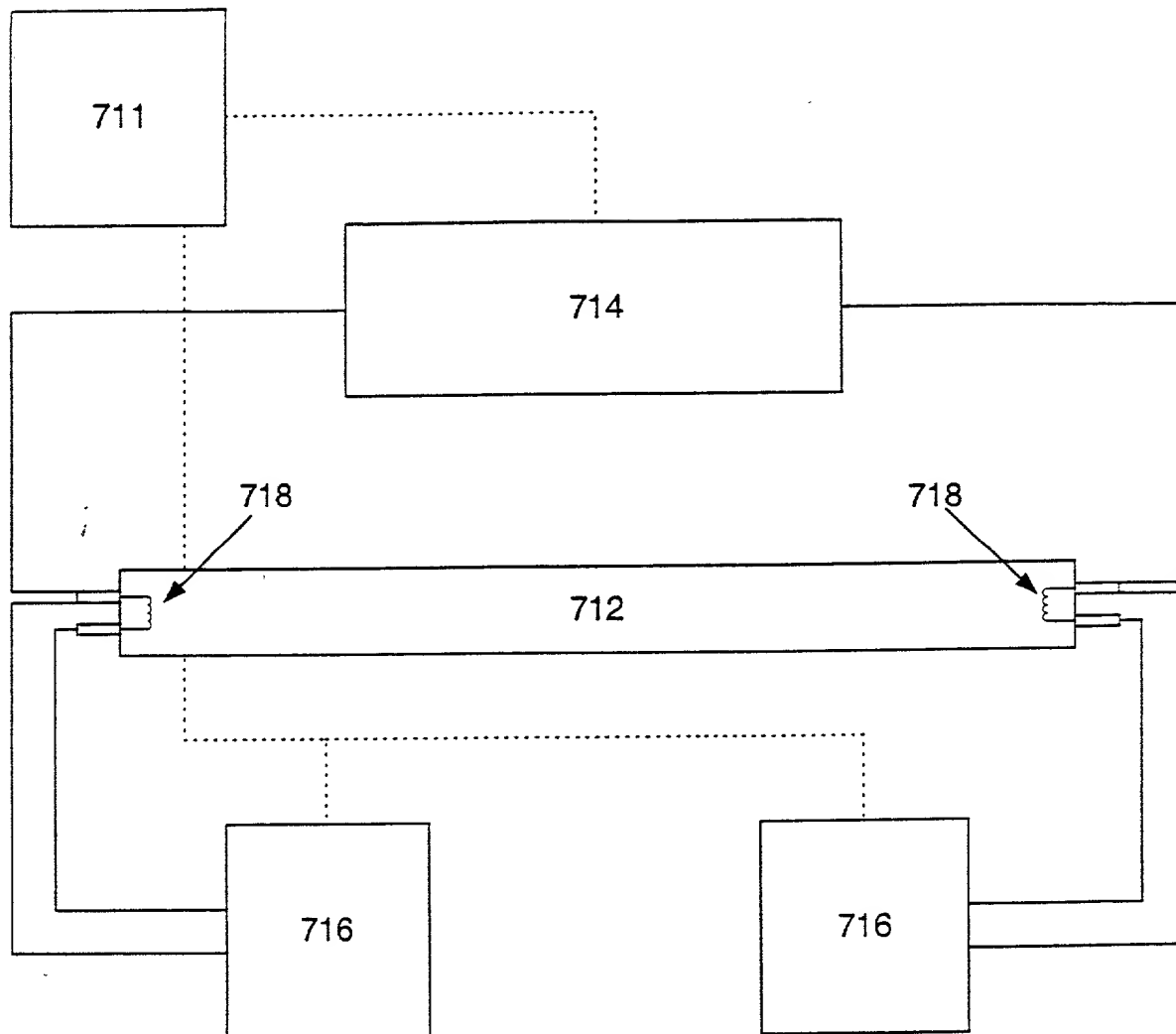


FIG. 7

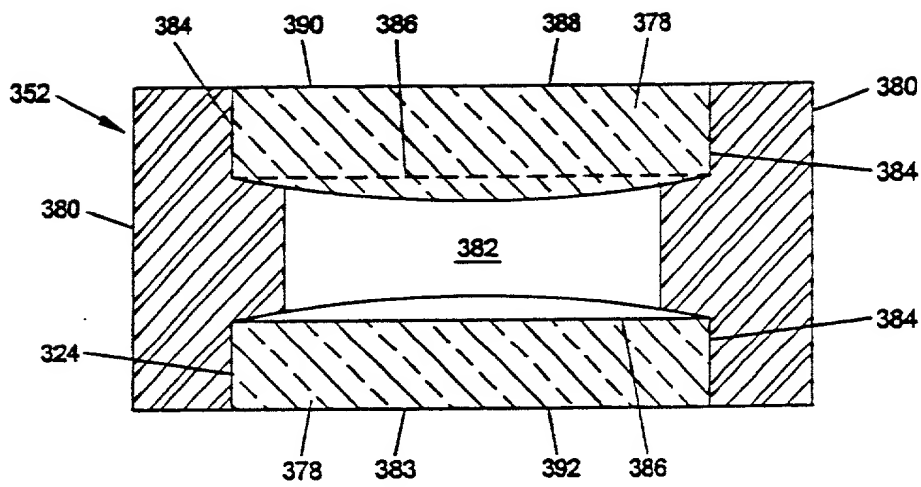


FIG. 8

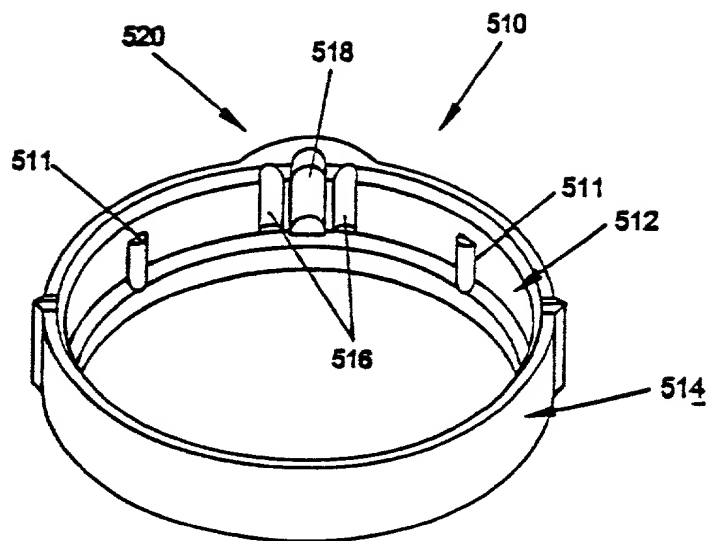


FIG. 9

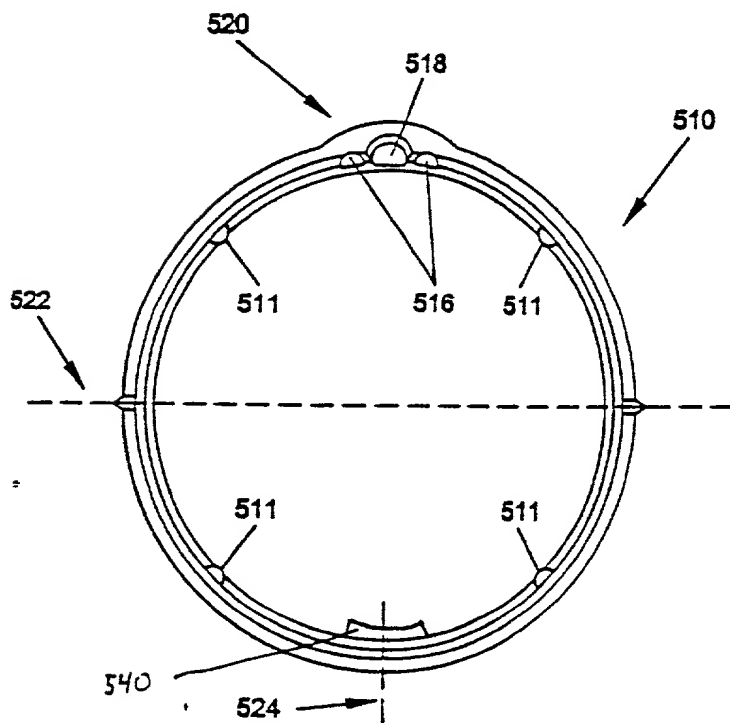


FIG. 10

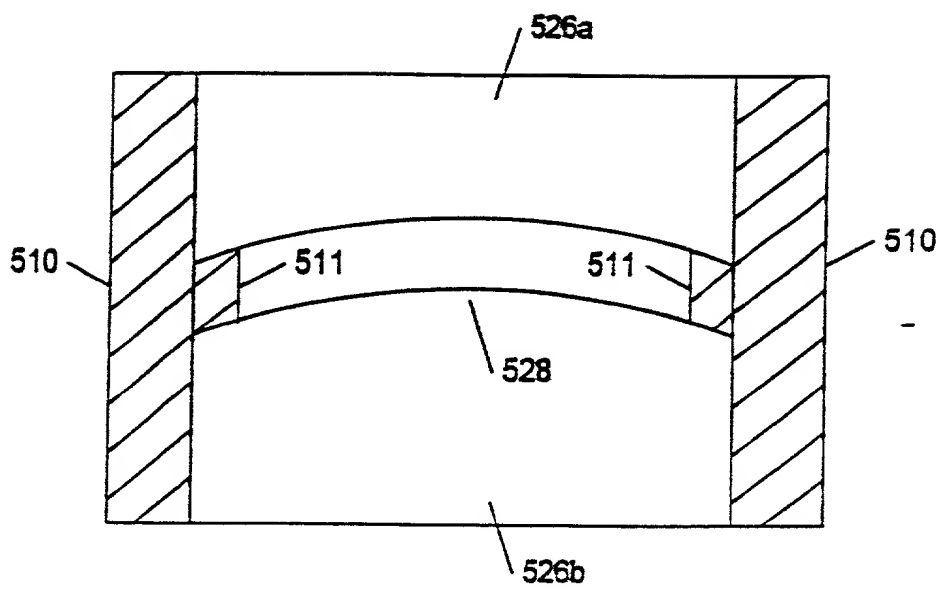


FIG. 11

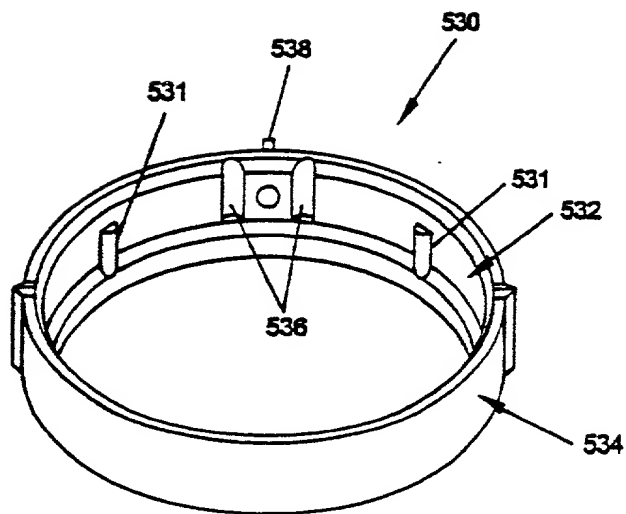


FIG. 12

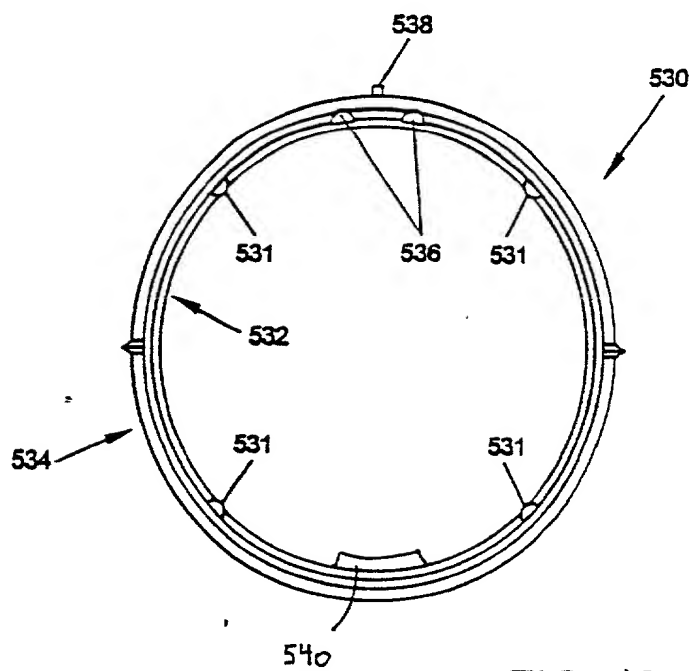


FIG. 13

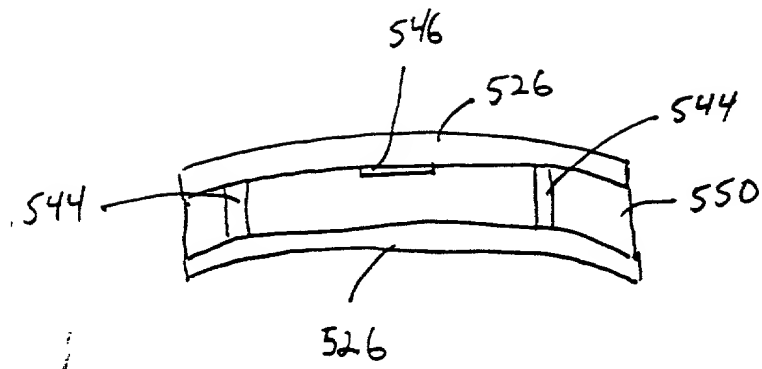


FIG. 14

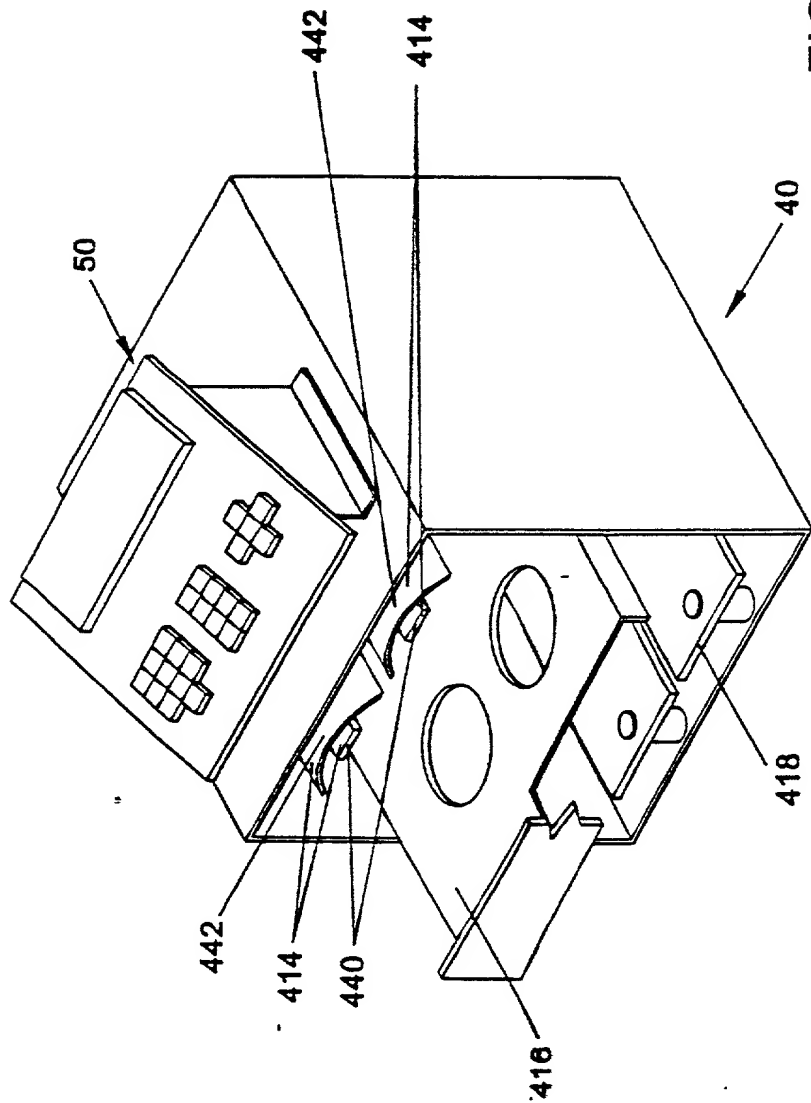


FIG. 15

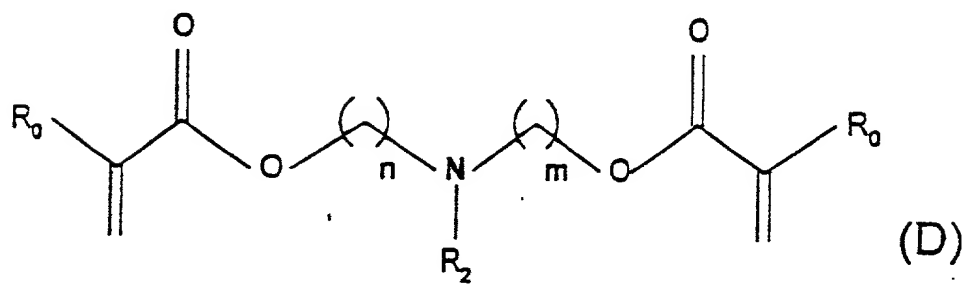
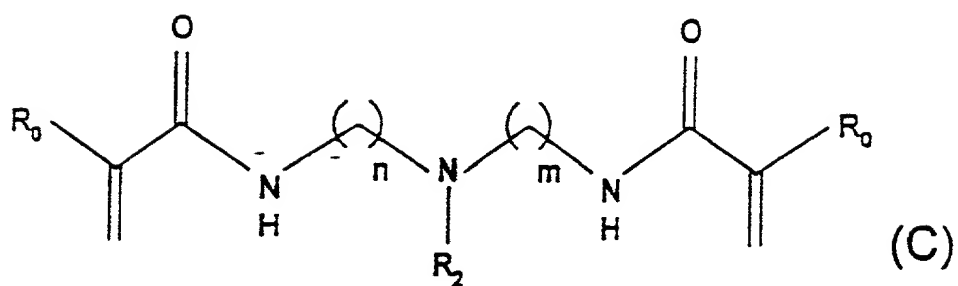
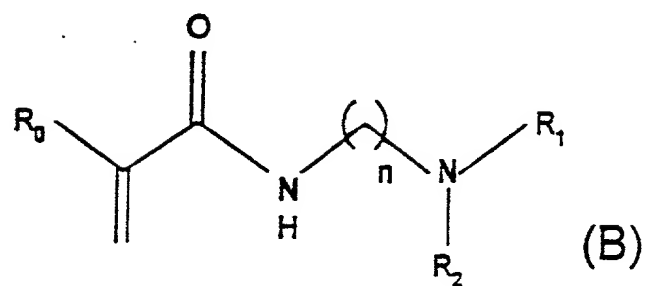
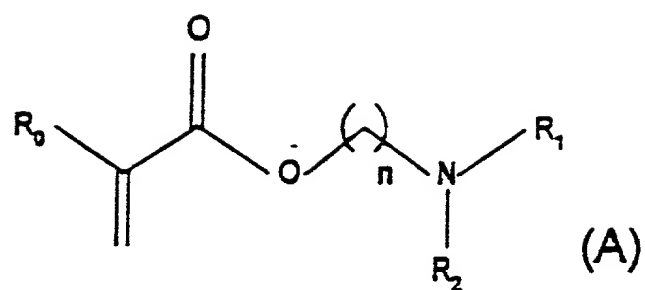


FIG. 16

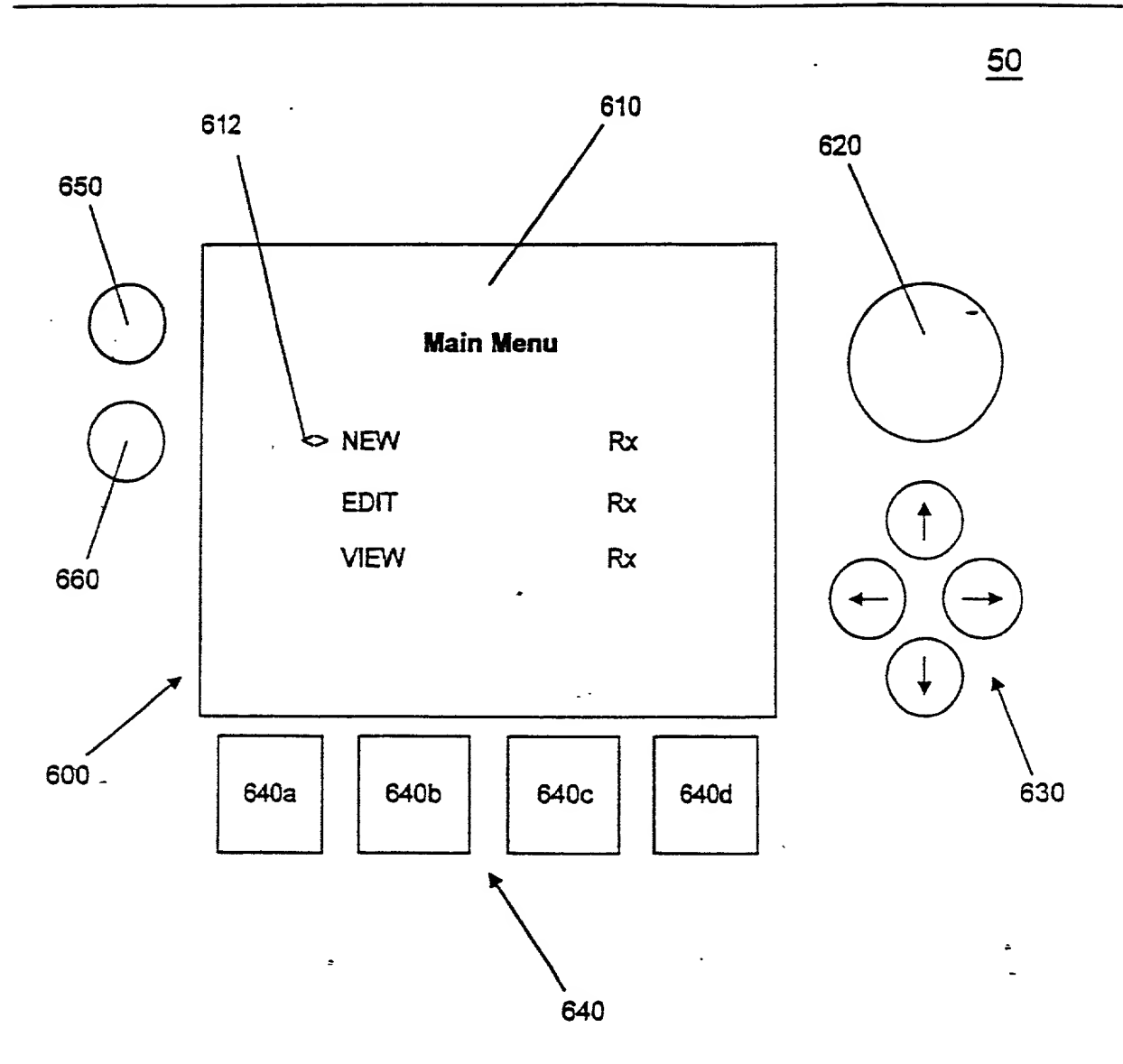


FIG. 17

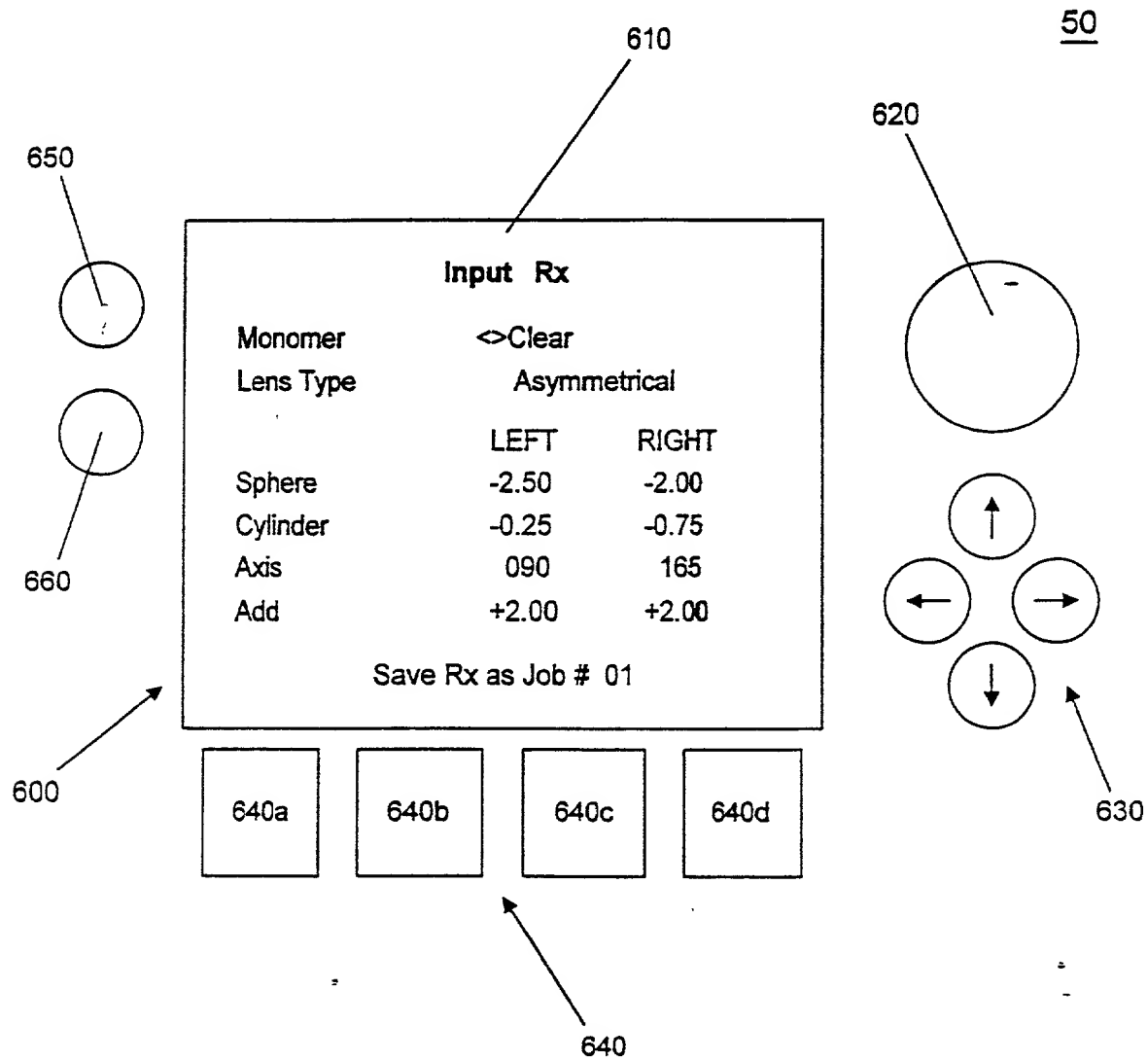


FIG. 18

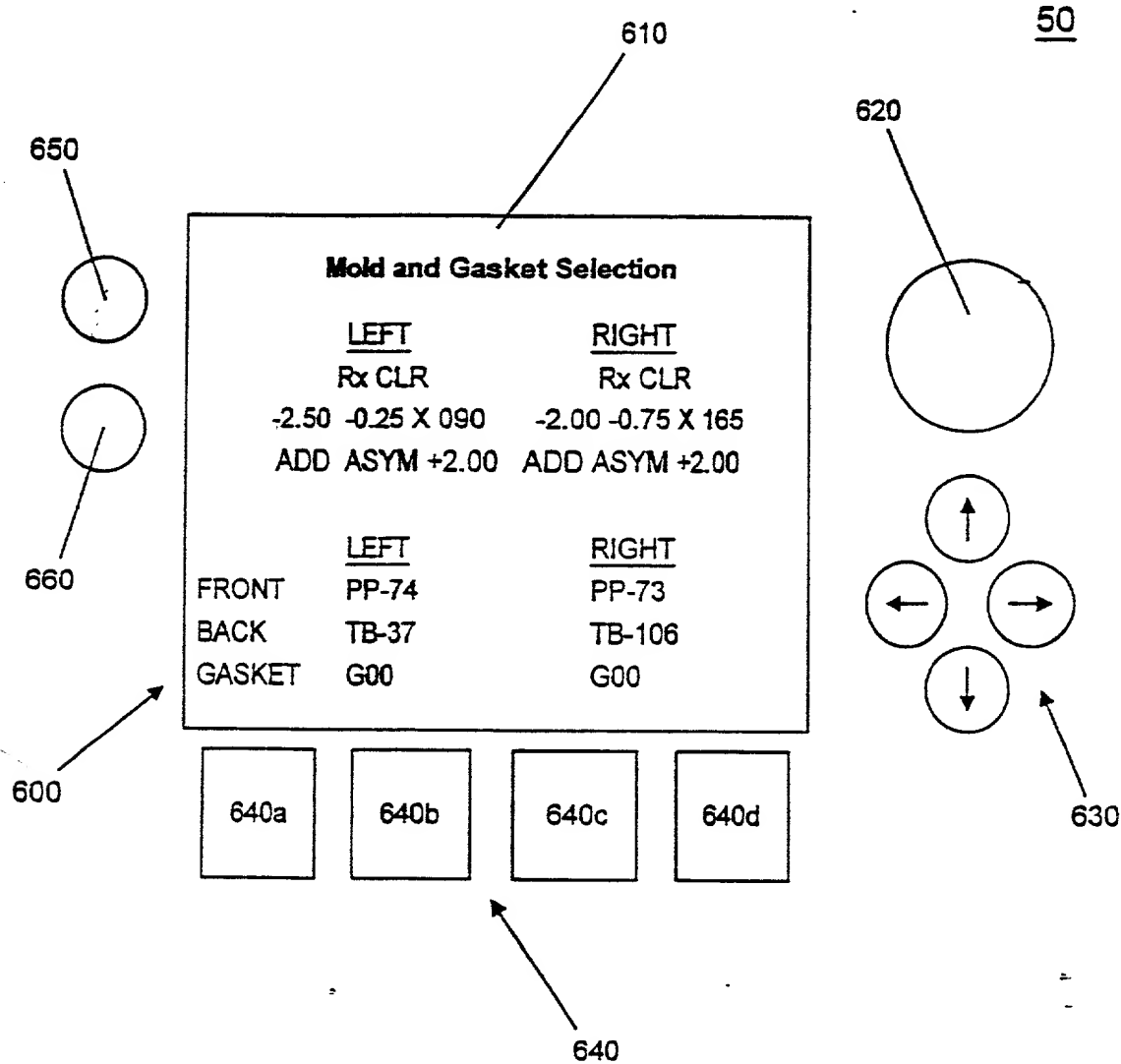
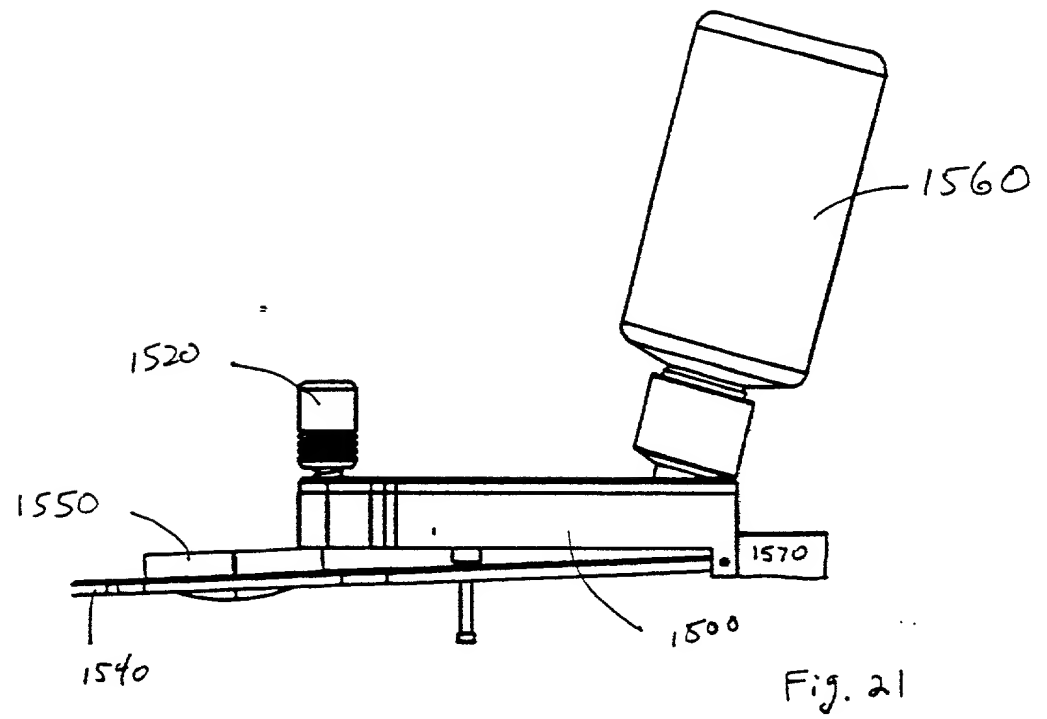
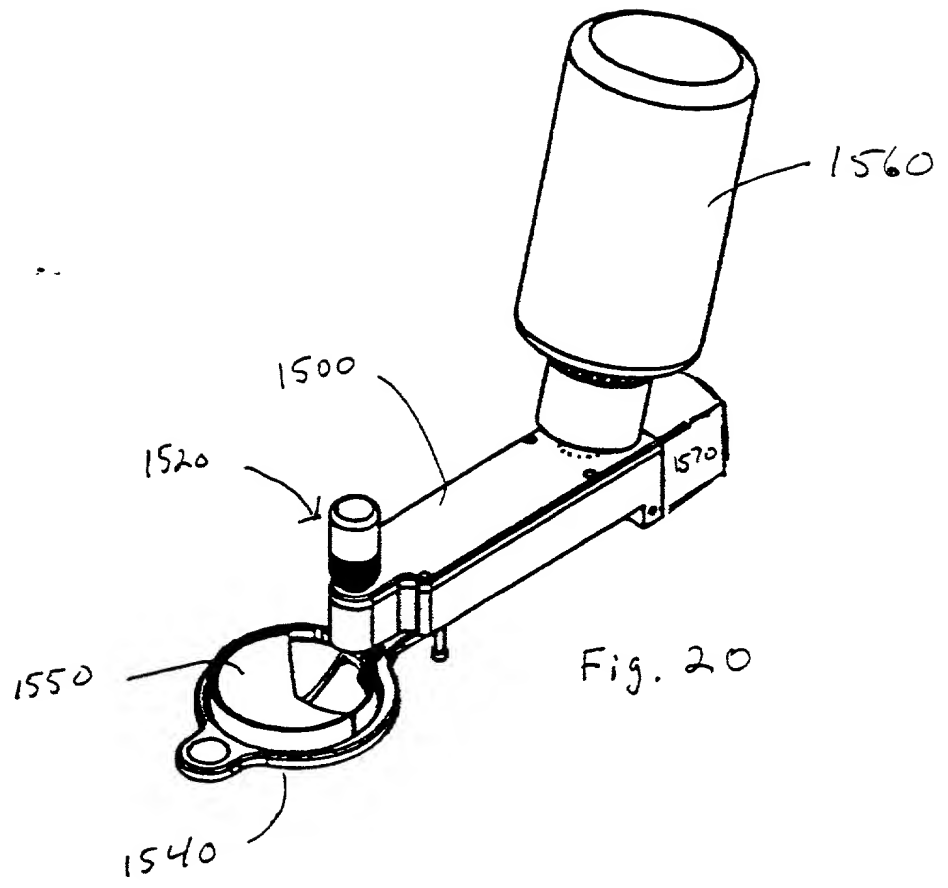


FIG. 19



09788671.062201

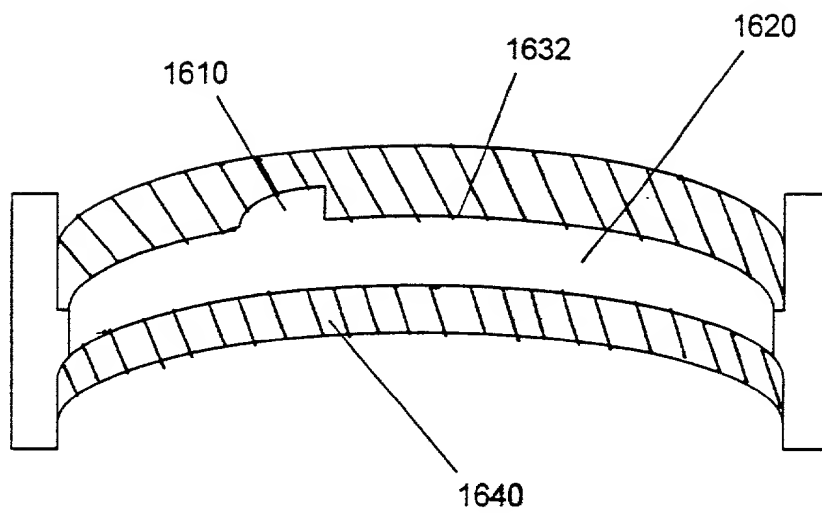


FIG. 24

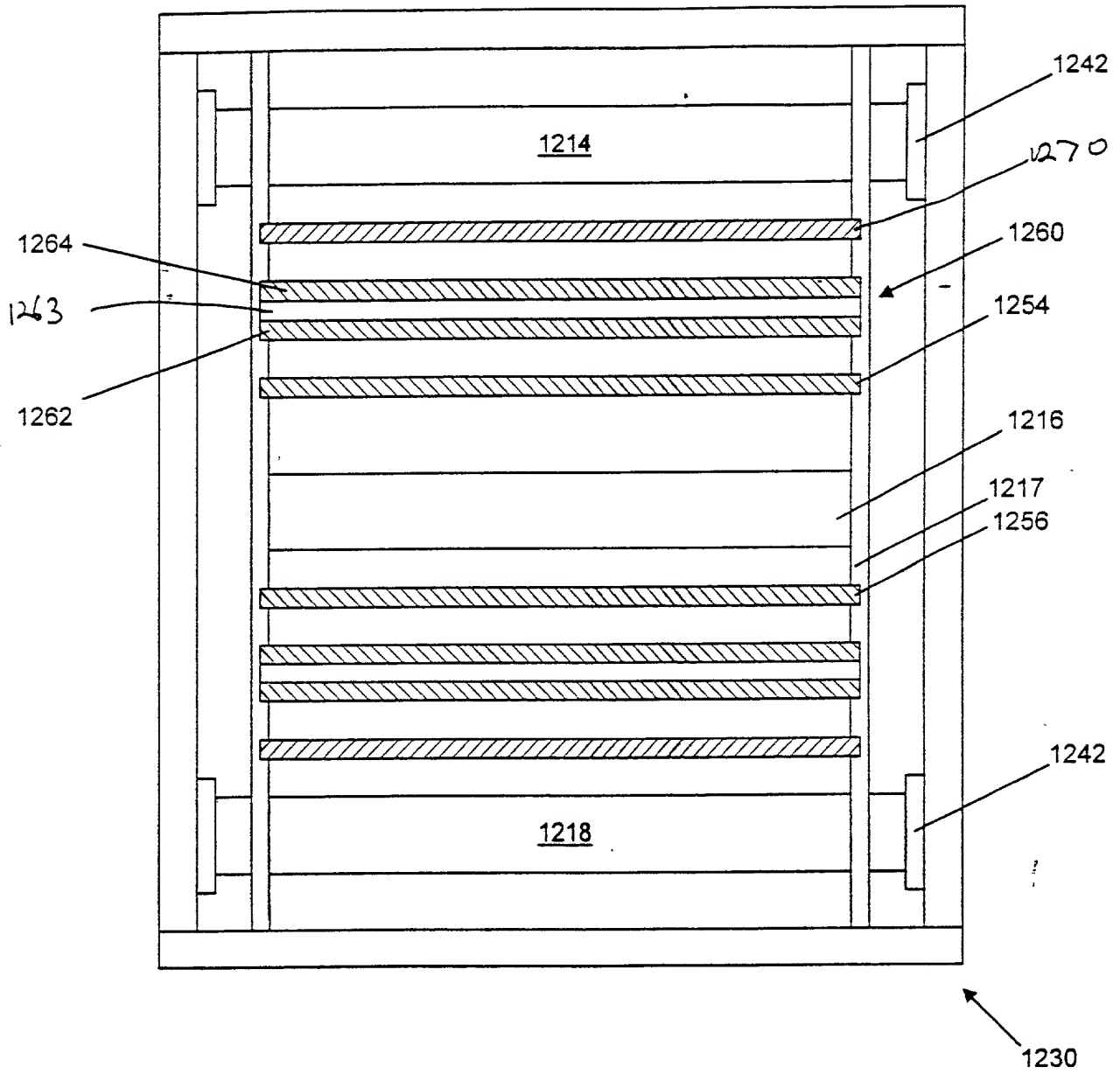


FIG. 25

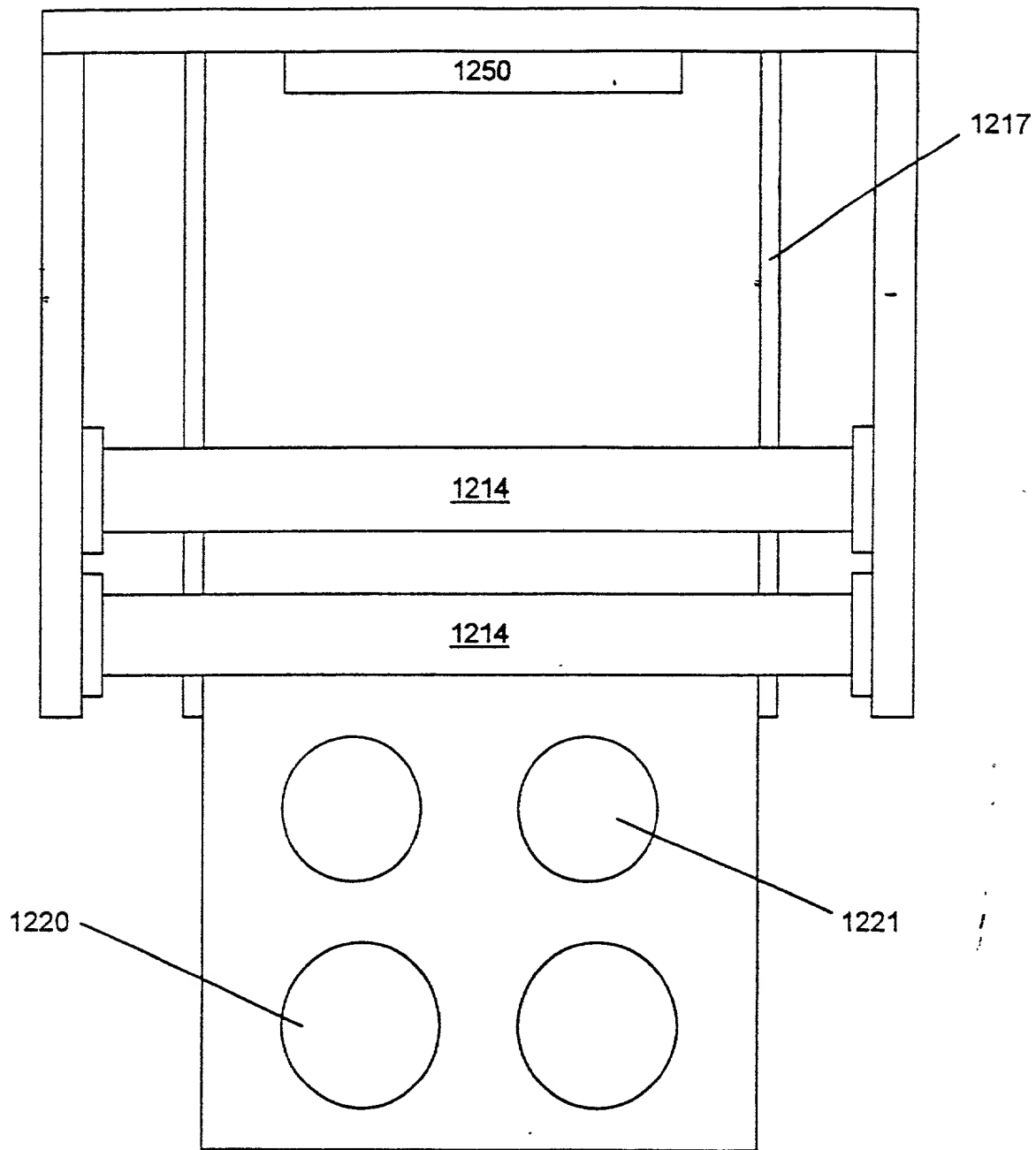


FIG. 26

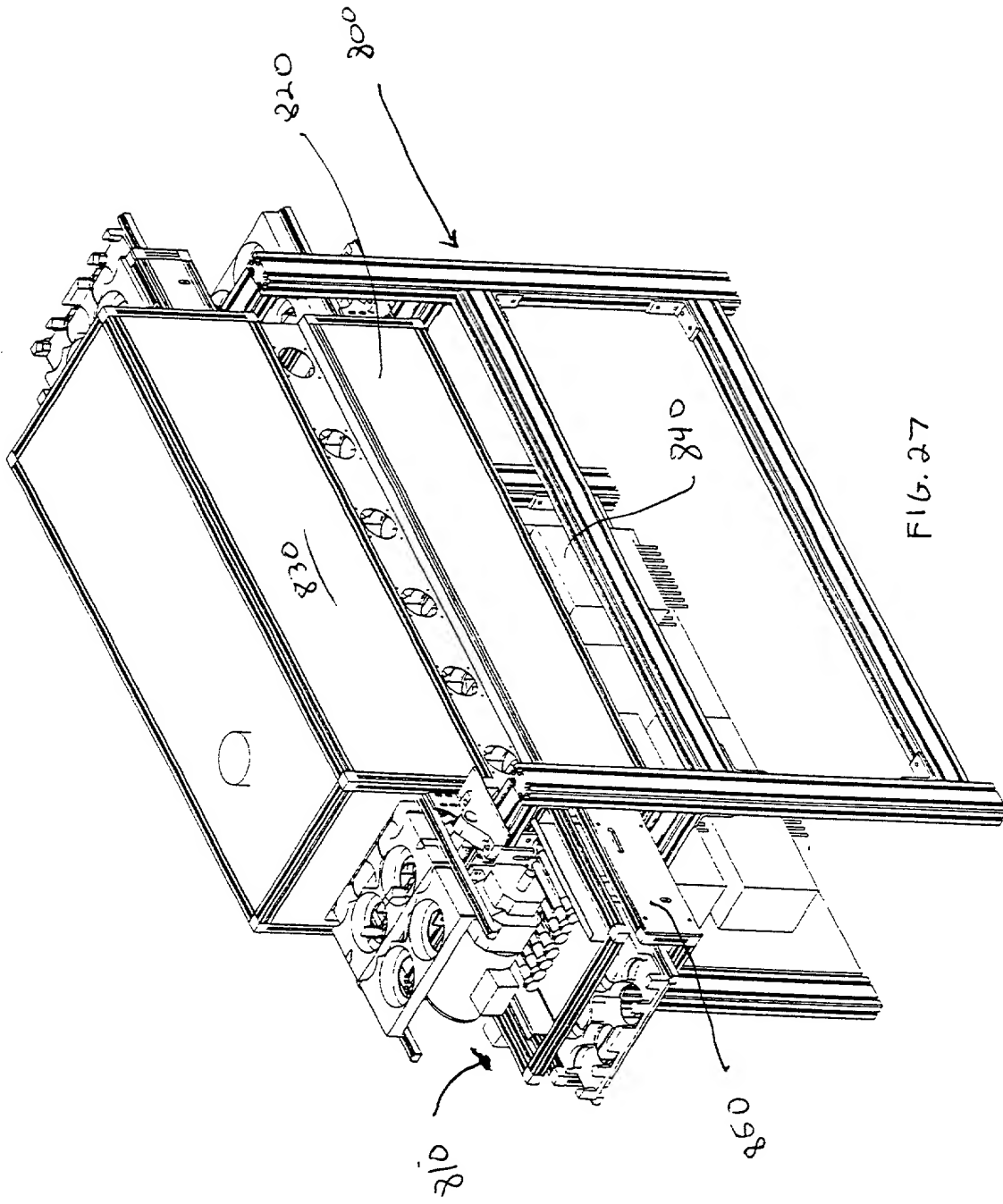


FIG. 27

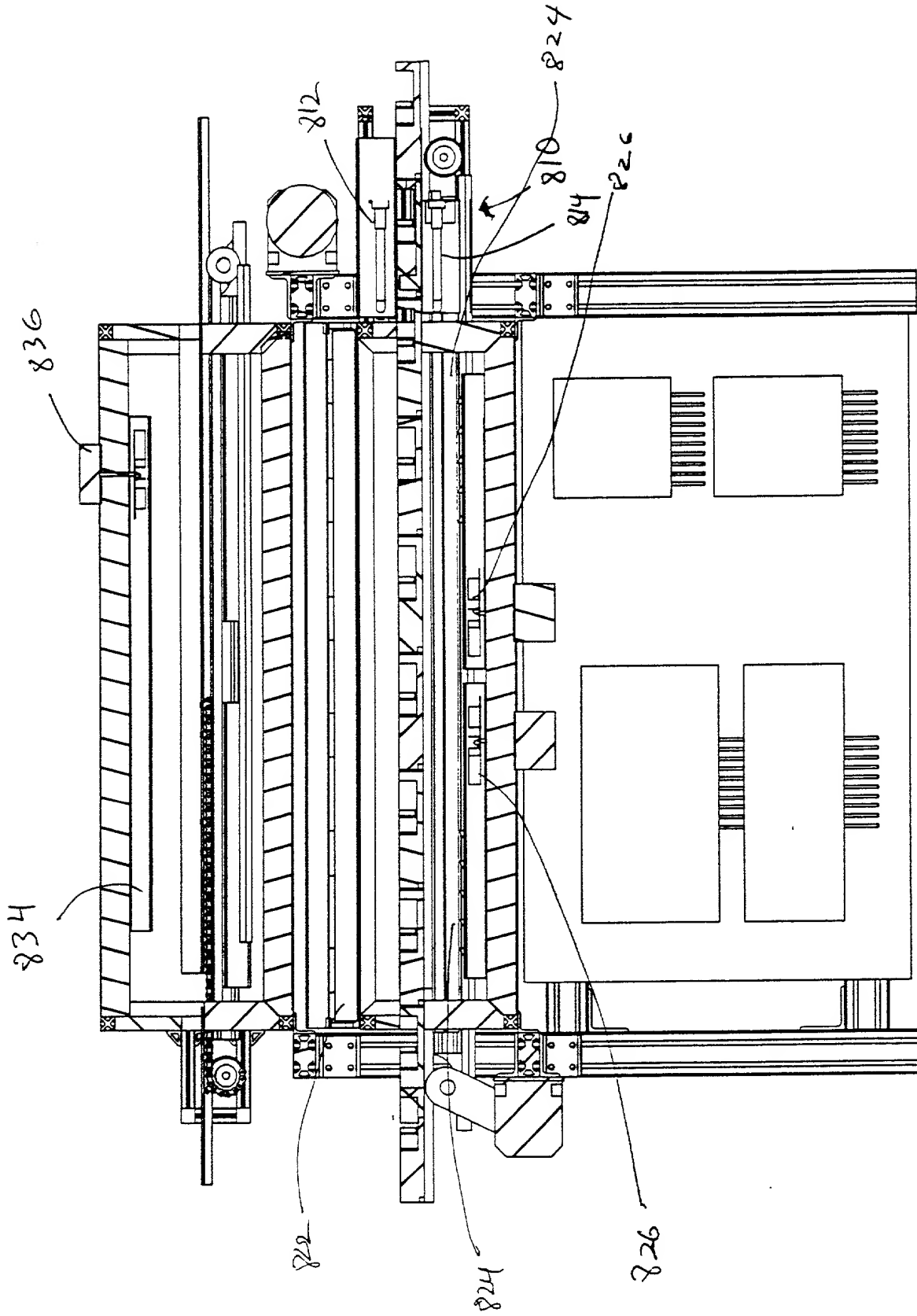


FIG 28

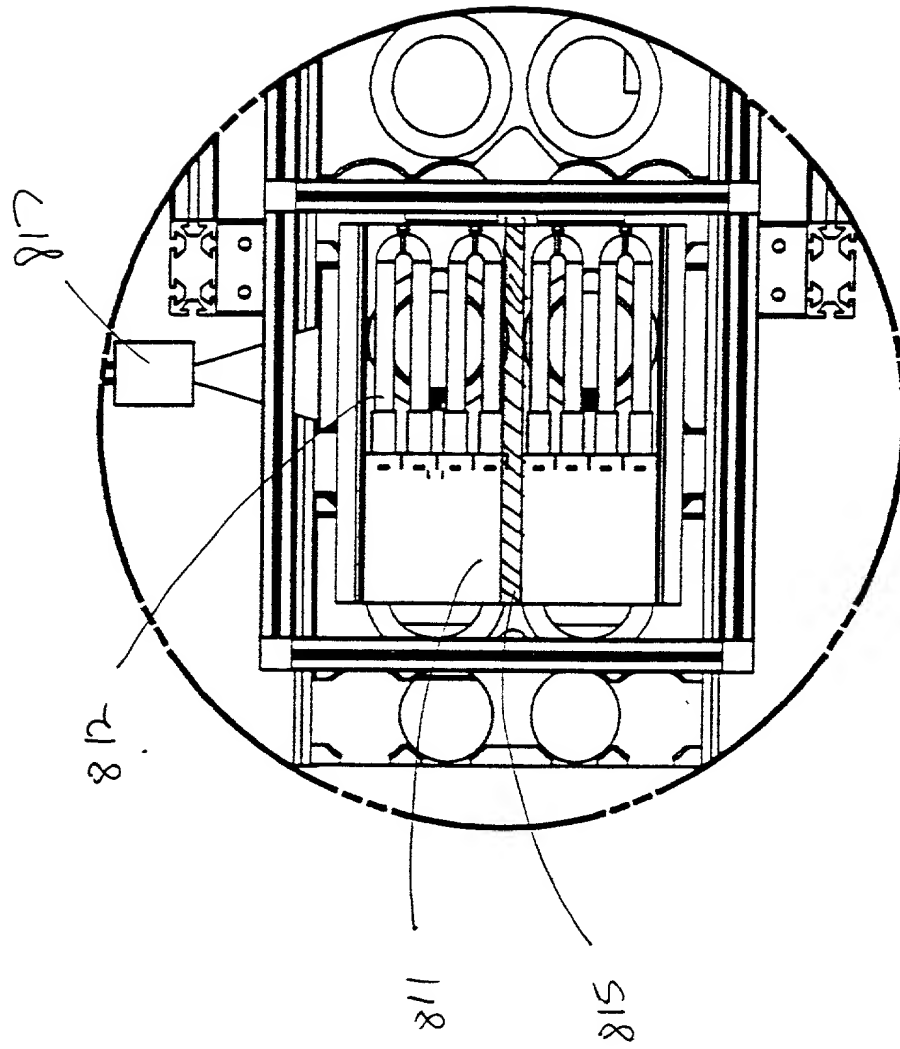


FIG. 29

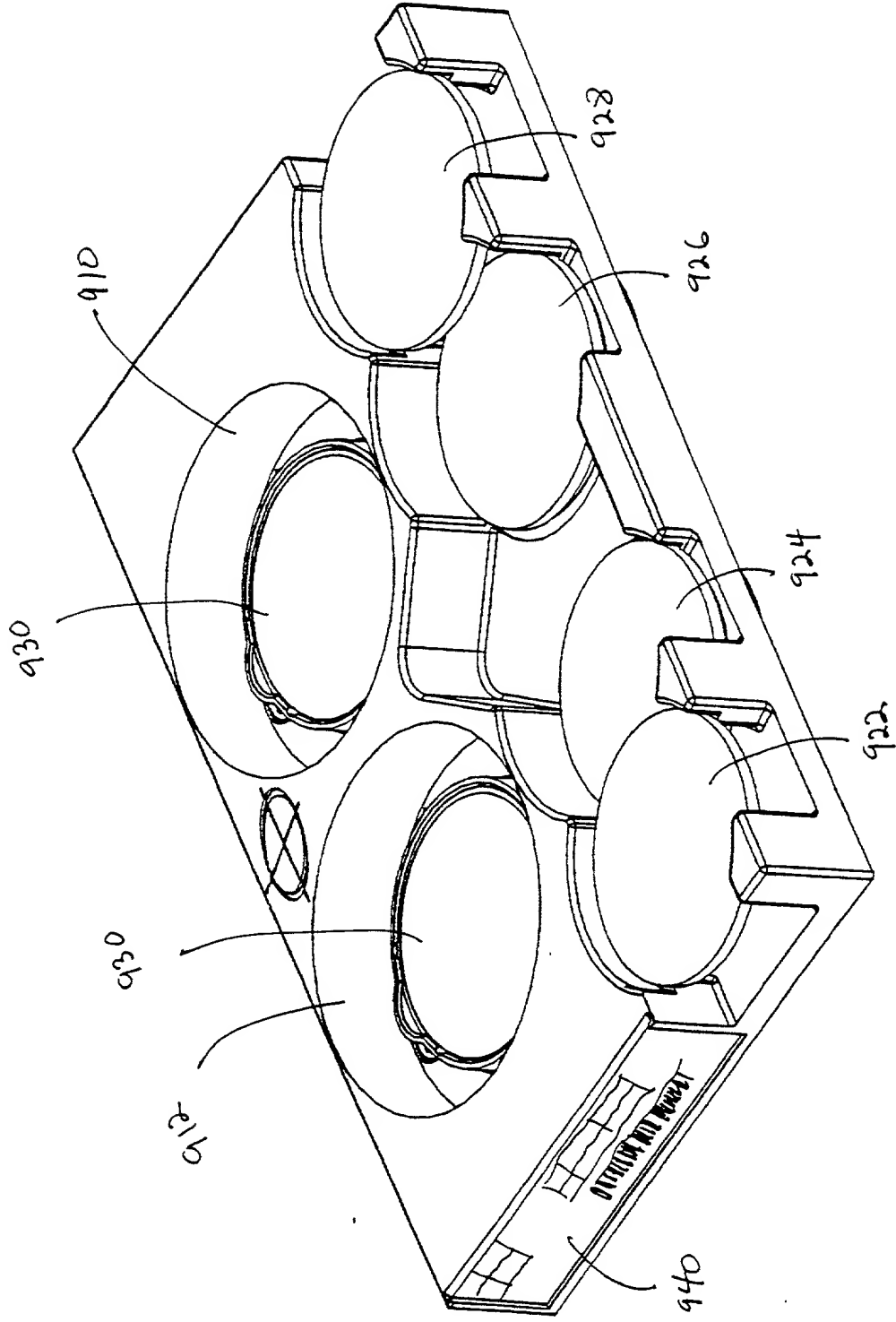


FIG. 30

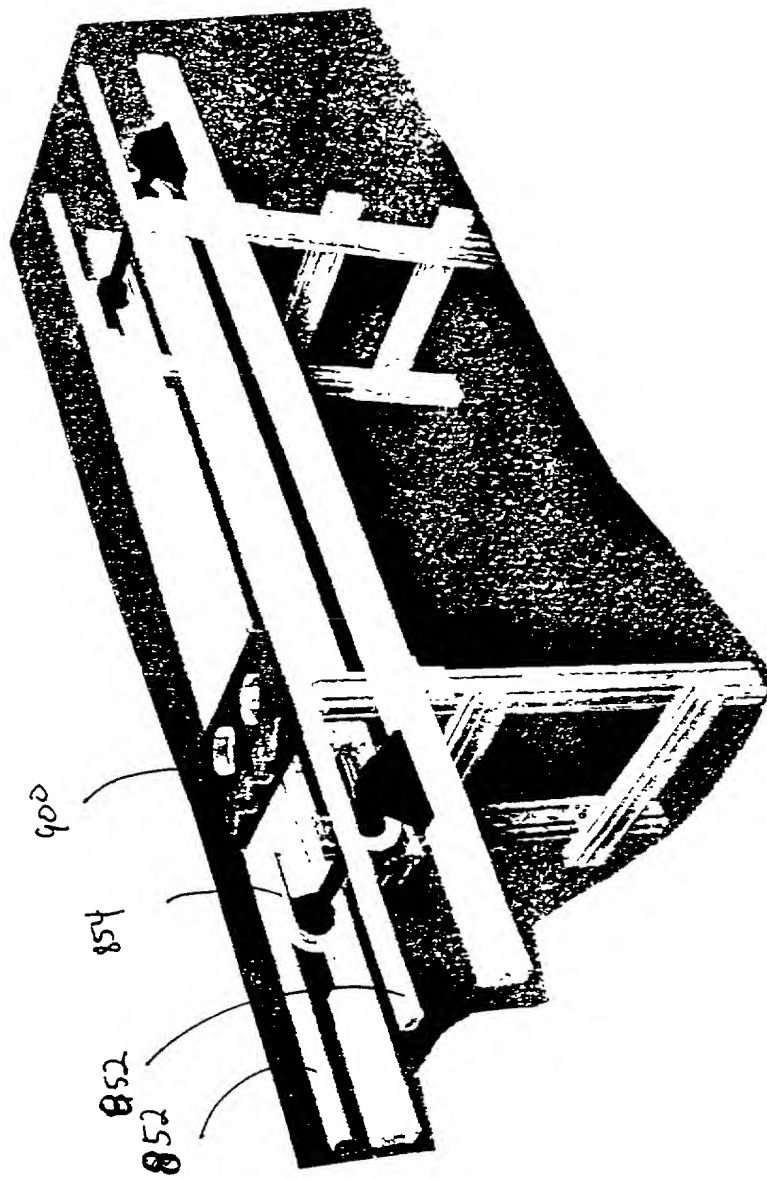


FIG. 31

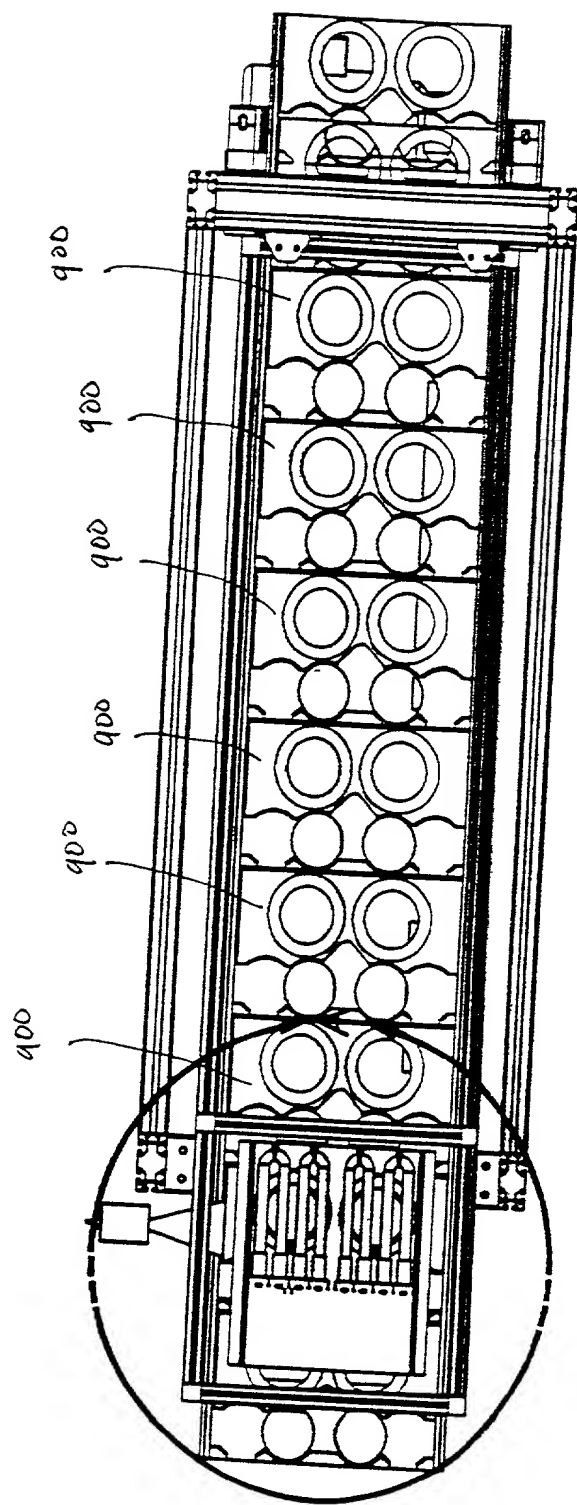


FIG. 32

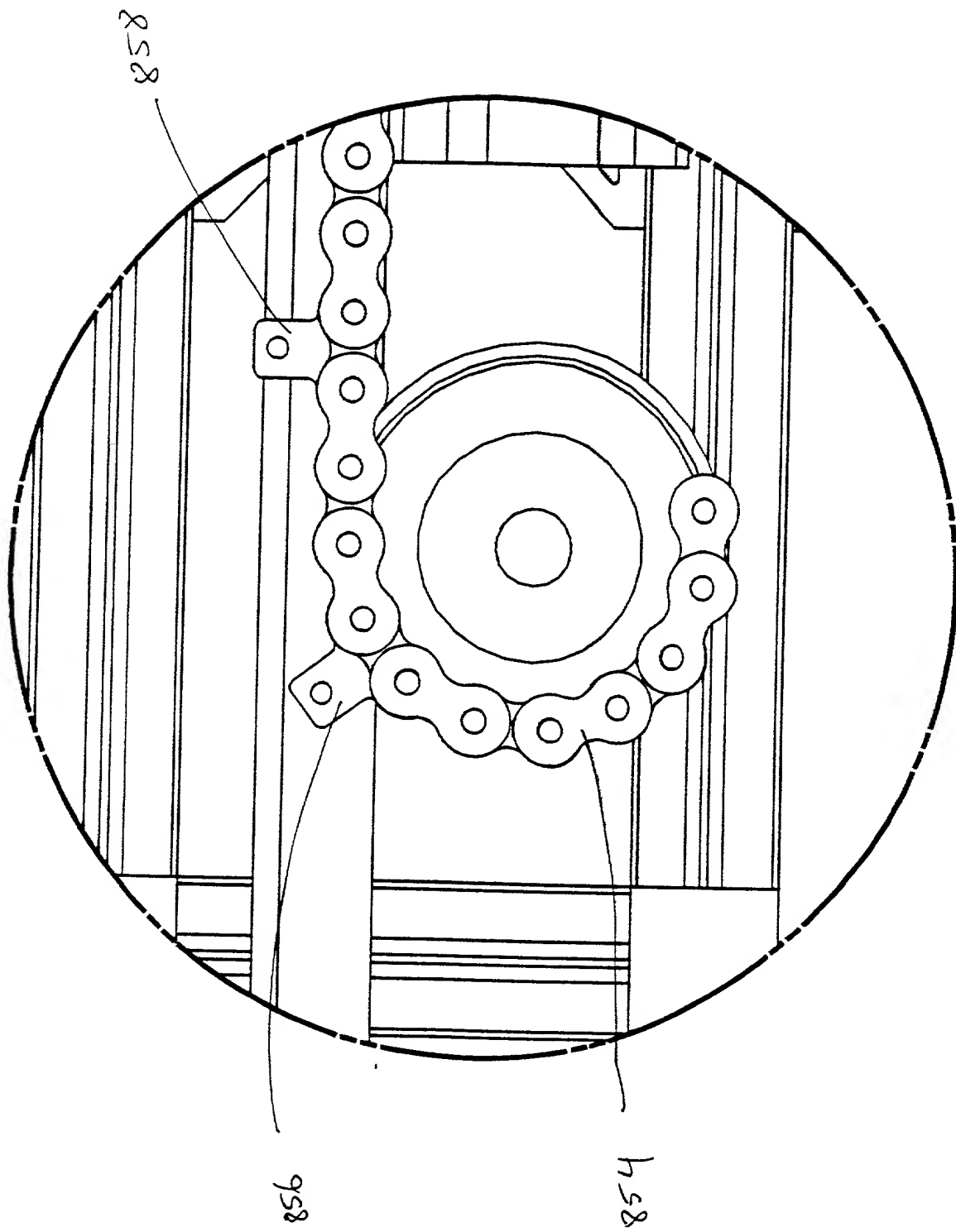


FIG. 33

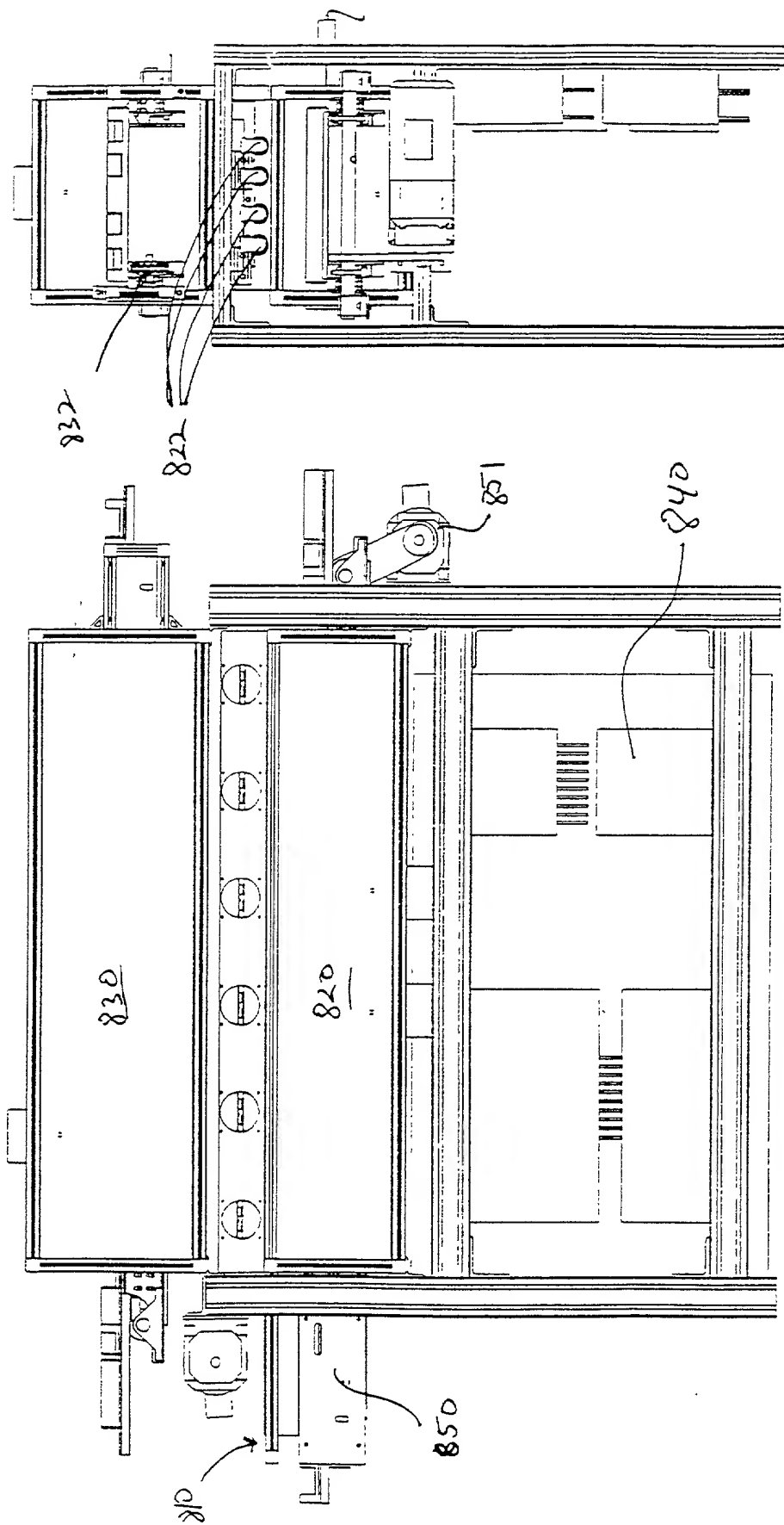


FIG. 34

FIG. 35

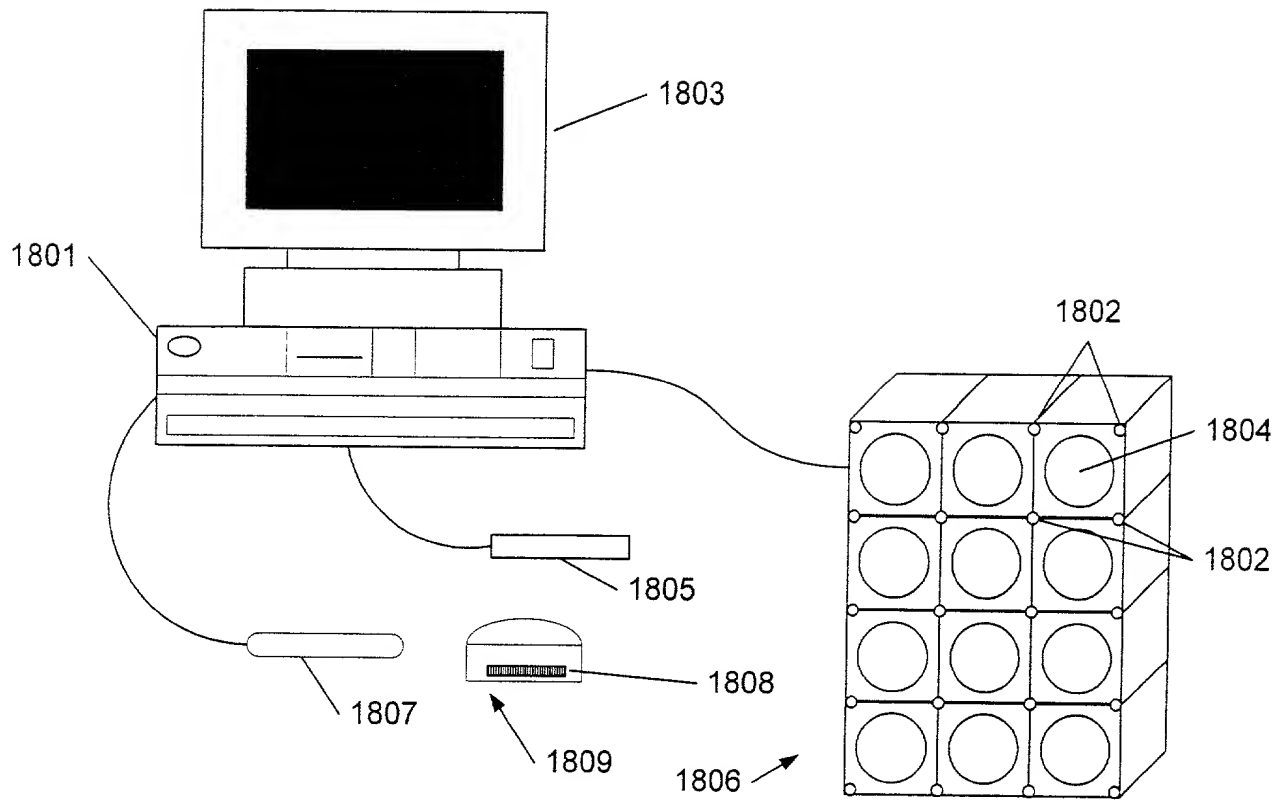
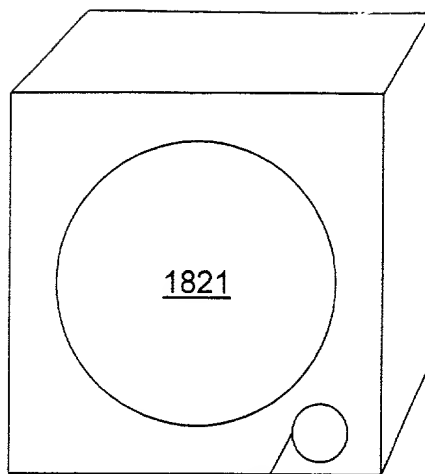
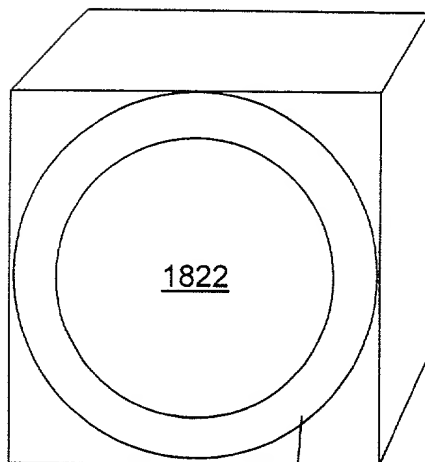


Fig.36



1820

(a)



1823

(b)

Fig. 37

1.03290" T 2.989260

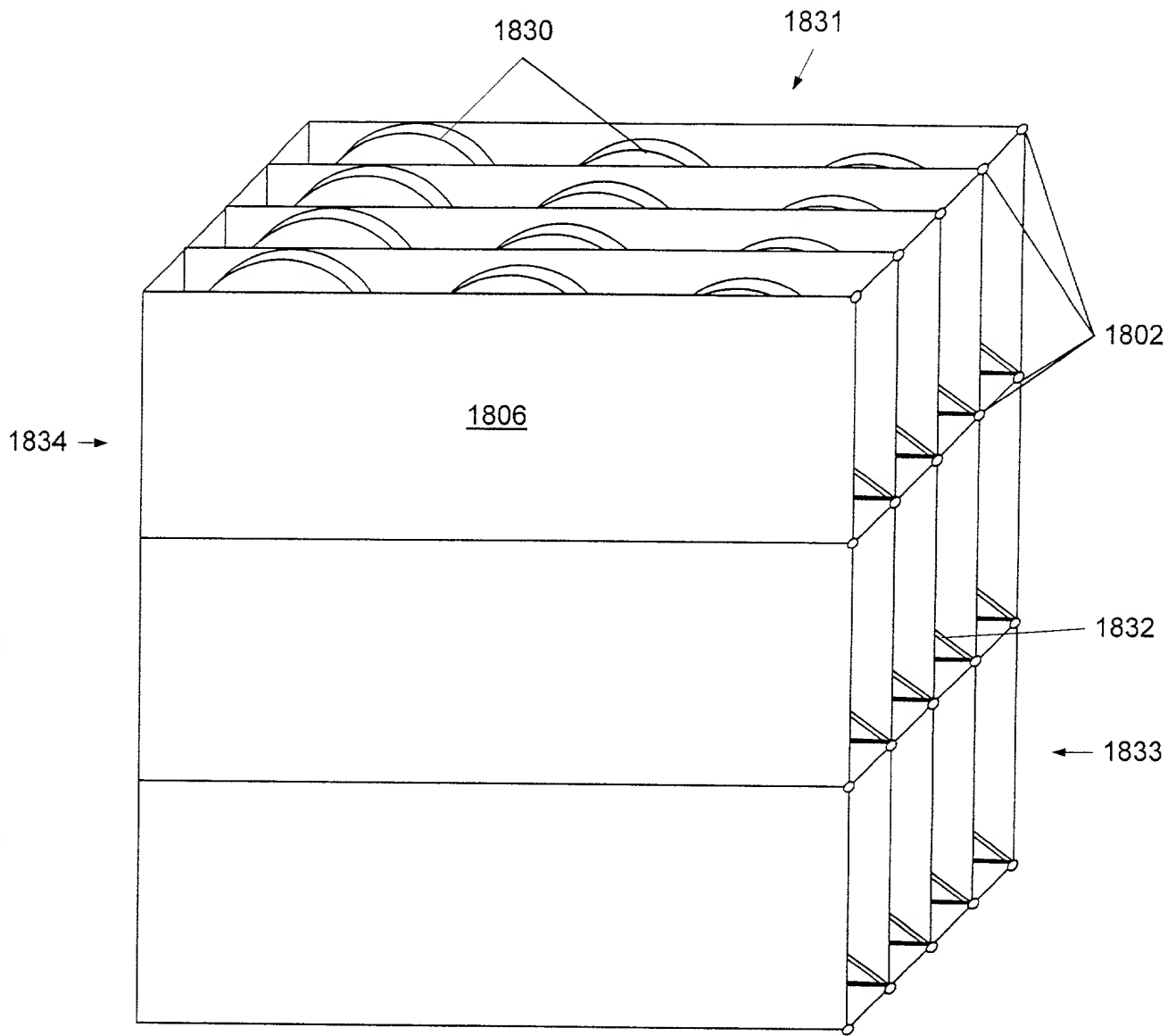


Fig. 38

A schematic diagram of an optical system. A rectangular frame contains three circles representing lenses, arranged horizontally. A line, labeled 1840, passes through the centers of the three circles and is slightly tilted downwards from left to right. Above the frame, a point labeled 1830 is connected by lines to the top of each lens. Below the frame, a point labeled 1832 is connected by lines to the bottom of each lens. An arrow labeled 1834 points towards the left side of the frame, and an arrow labeled 1833 points towards the right side of the frame.

Fig. 39

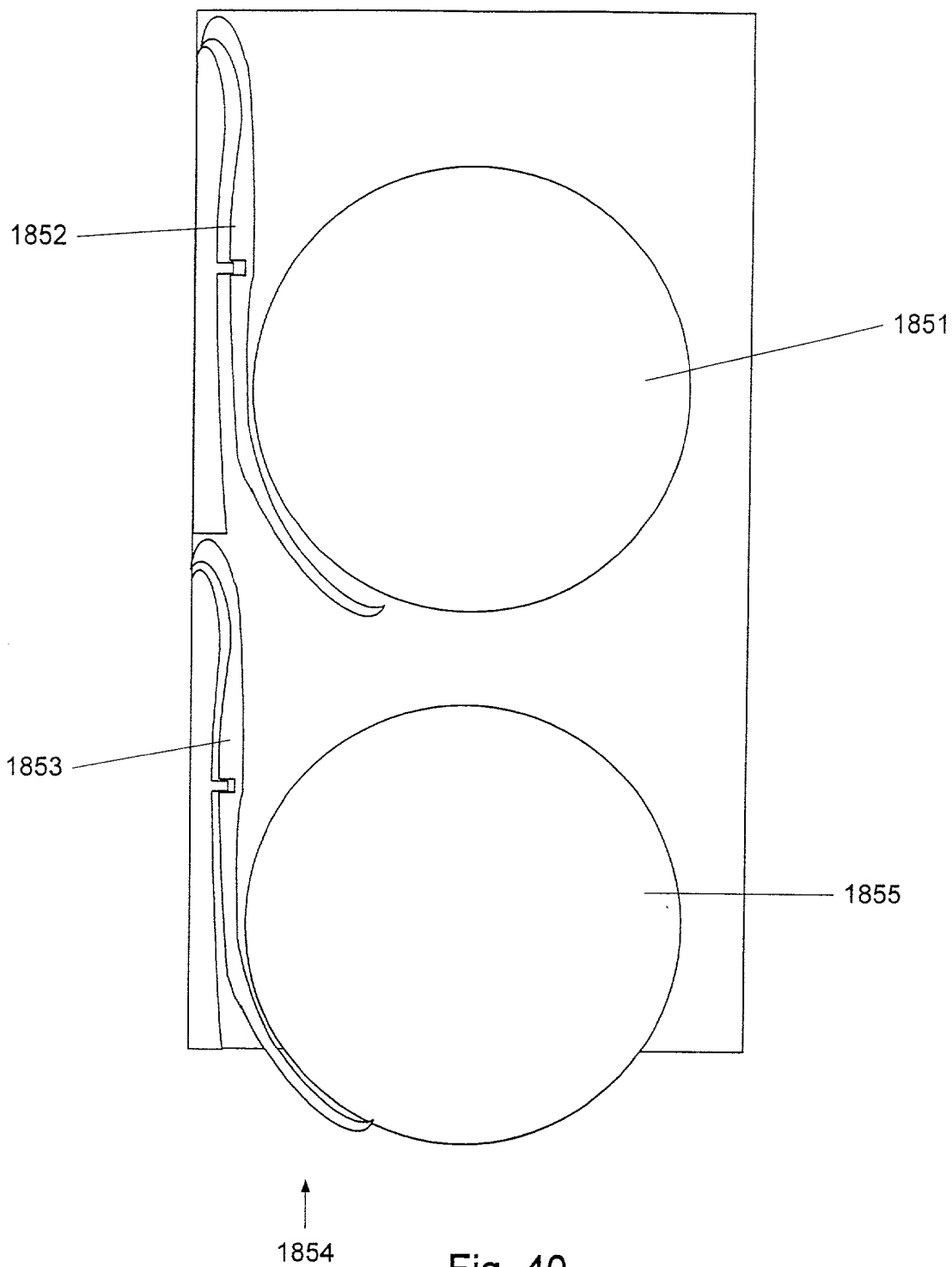


Fig. 40

Fig. 41

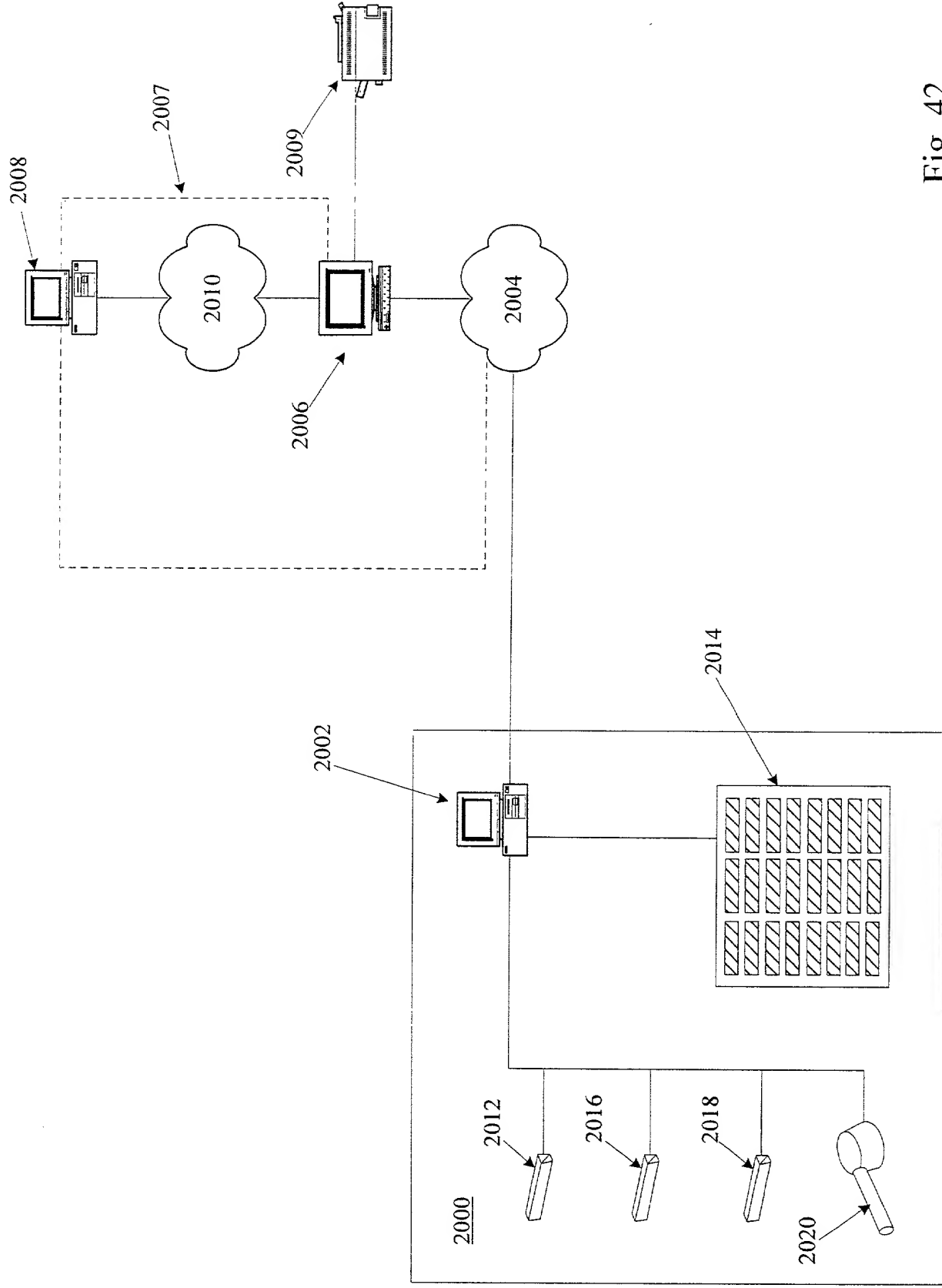


Fig. 42

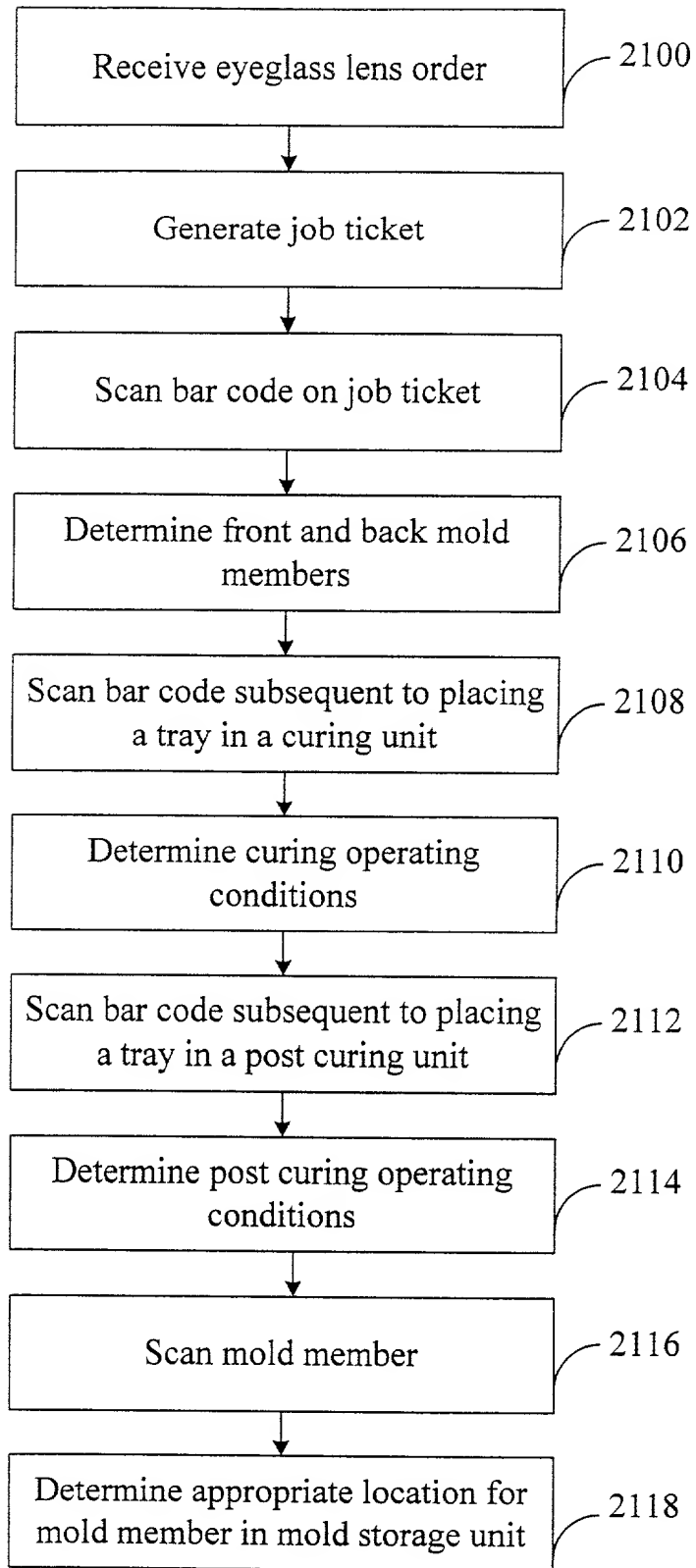


Fig. 43

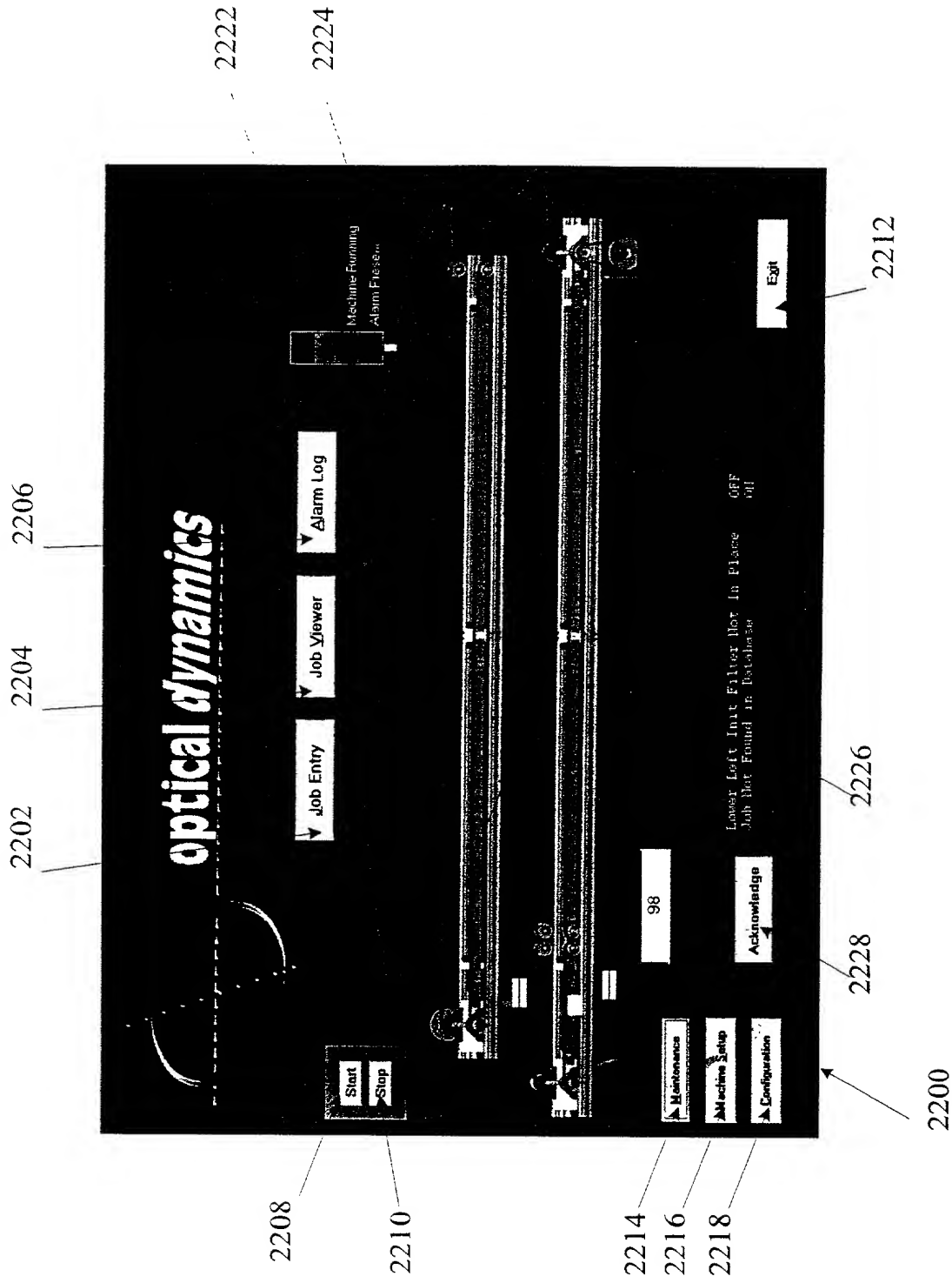


Fig. 44

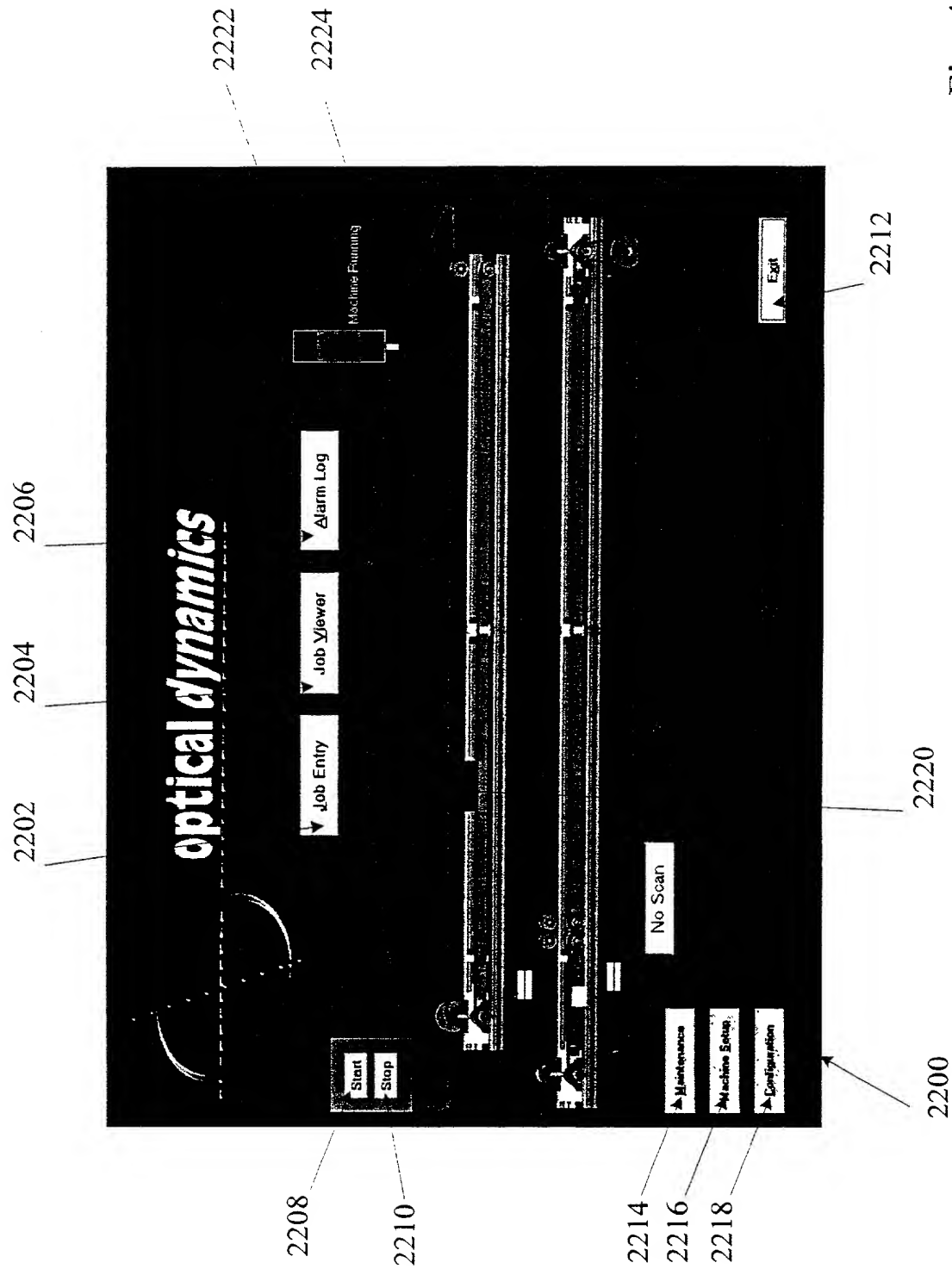


Fig. 45

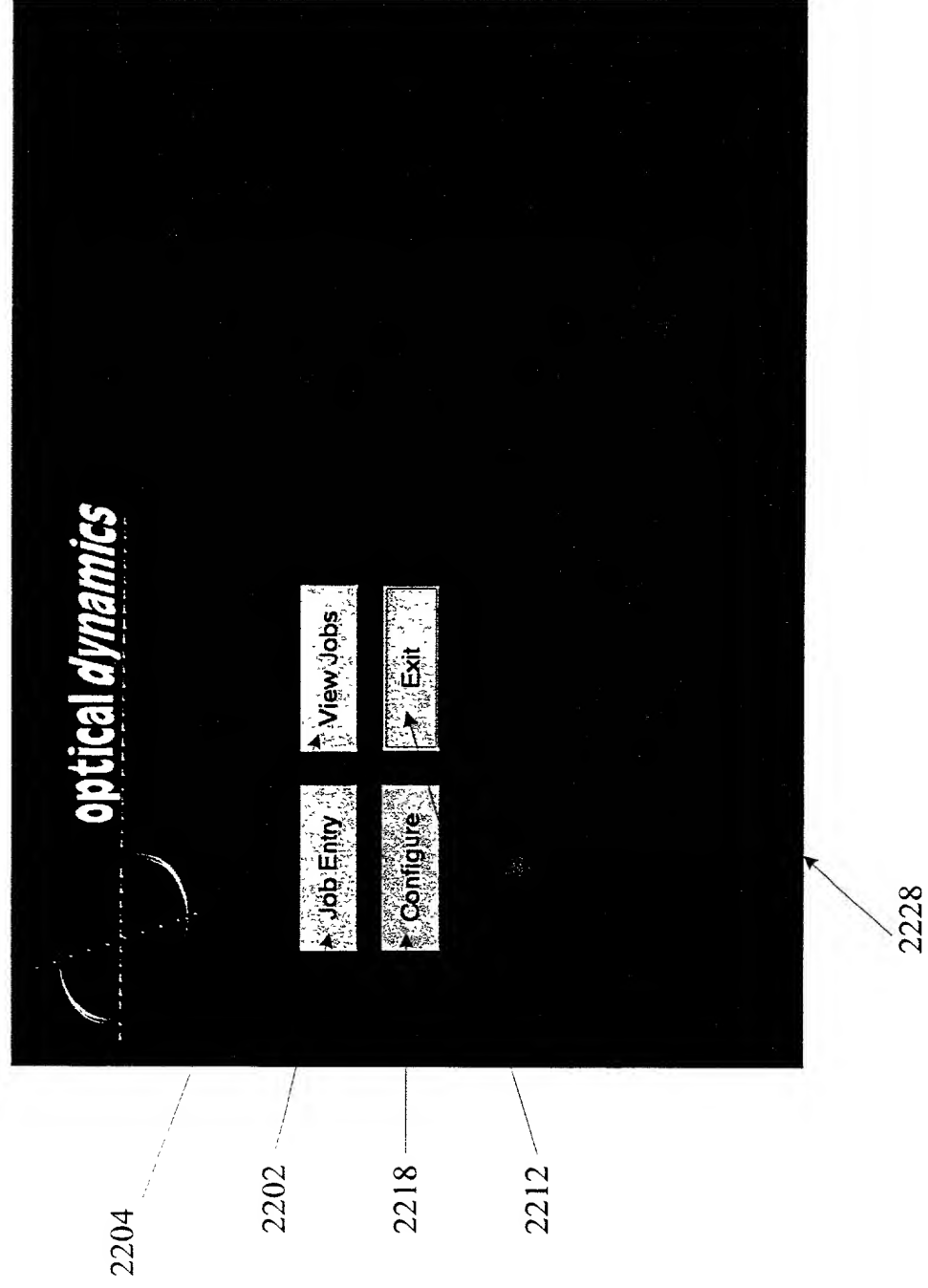


Fig. 46

2232

Job Entry

Job #

Patient Name

Tray #

Bin Location

Priority

Normal

Re-Work

Job Type

Right & Left Lens

Right Lens Only

Left Lens Only

Lens Type

Aspheric - Single Vision

Flat Top

Paradigm Progressive

Monomer/Tint

Clear

Clear w/ Tint

Grey

Right Eye

Sphere

Cylinder

Left Eye

Sphere

Cylinder

Cancel Entry

Create Job

Fig. 47

Job Viewer

LMS Job #

22

2

Patient

02/08/01 05:33 PM

Single Vision

Clear

Entry Date

Single Vision

Clear

Monomer

Clear

Left

Right

Power

-6.00

Right

Cylinder

-2.00

Right

Axis

Right

Add

Right

Left

Right

Front

No

Right

Back

Rx

Right

Gasket

Mold

Right

Filter

Right

Recipe

Right

Re-Print

Close

Fig. 48

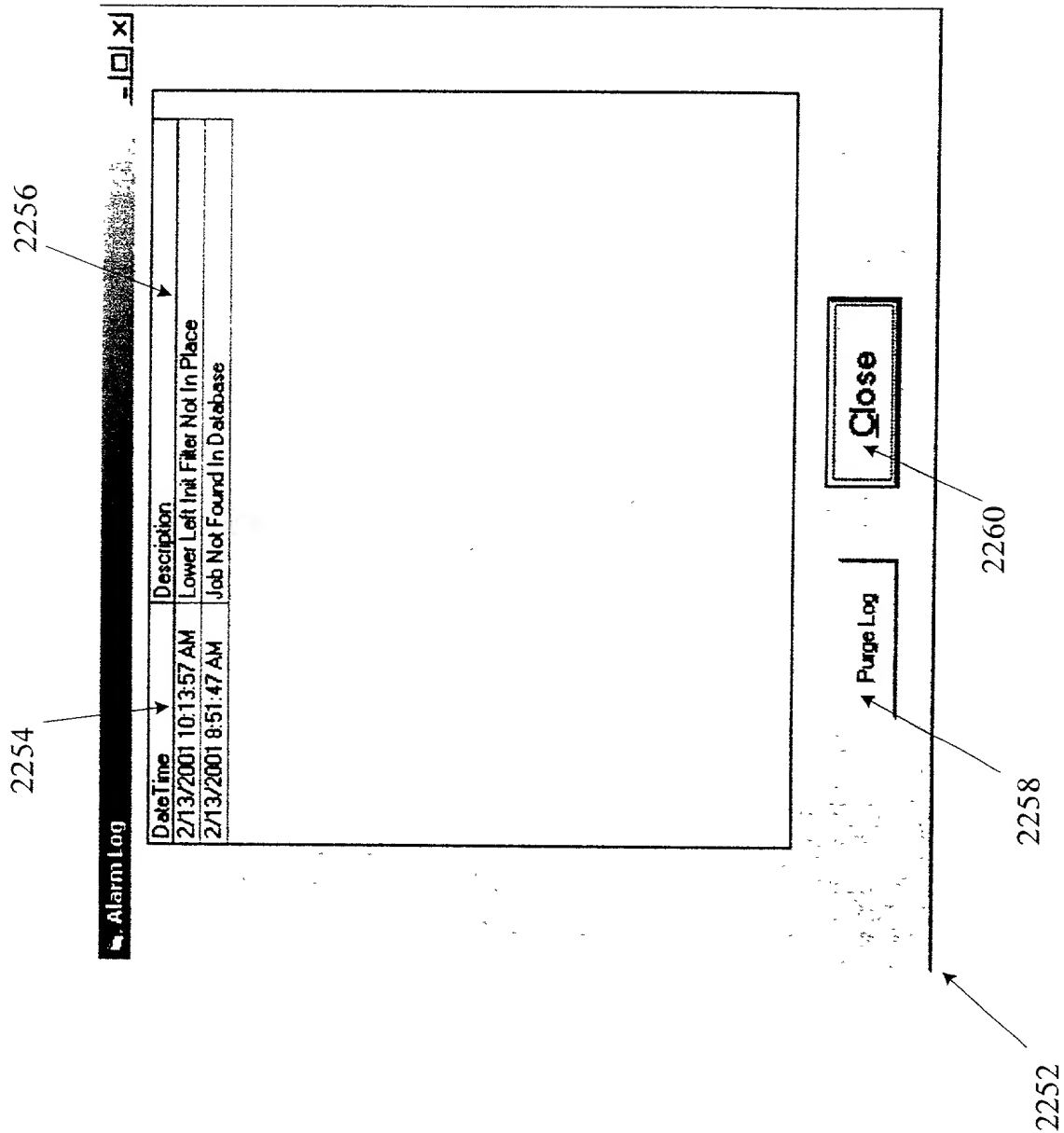


Fig. 49

Maintenance			
Temperatures			
Post-Cure Chamber		Anneal Chamber	
On Time (min)		On Time (min)	
%	Reset	%	Reset
Current Draws			
Upper Left Init Lights		Upper Right Init Lights	
Lower Left Init Lights		Lower Right Init Lights	
Rear Post-Cure Lights		Front Post-Cure Lights	
Digital Inputs, Slot 3 Start PushButton Stop PushButton Anneal Conv Encoder Top Lft Filtr In Prox Top Rgt Filtr In Prox Bot Lft Filtr In Prox Bot Rgt Filtr In Prox Top Lft Filtr Out Prox Top Rgt Filtr Out Prox Bot Lft Filtr Out Prox Bot Rgt Filtr Out Prox Air Pressure OK Bot HiTemp Sens OK Top HiTemp Sens OK Init Conv Encoder Post-Cure Conv Enchr			
Digital Inputs, Slot 4 Front Post-Cure Lgt Flt Rear Post-Cure Lgt Flt Init Drv IOC Flt Post-Cure Drv IOC Flt Anneal Drv IOC Flt Tray Clear @ Xfer PE PstCure FanOvrld OK Anneal FanOvrld OK Init Drv Ovrld OK Anneal Drv Ovrld OK PstCure DrvOvrld OK Post-Cure Drive Alarm Init Drive Alarm Anneal Drive Alarm Bot Tray Present PE Top Tray Present PE			
Digital Inputs, Slot 5 E-Stop #1 E-Stop #2 Spare Spare Spare Spare Lift Wait Cyl Ext'd Lift Wait Cyl Ret'd Rgt Wait Cyl Ext'd Rgt Wait Cyl Ret'd Lft Init Cyl Ext'd Lft Init Cyl Ret'd Rgt Init Cyl Ext'd Rgt Init Cyl Ret'd			
Lamp Life Remaining TopInit BotInit PostCure			
<input type="button" value="Close"/> <input type="button" value="More..."/>			

Variable	Mean	SD	Min	Max
Age	38.5	10.2	25	55
Gender	0.5	0.5	0	1
Marital status	0.7	0.5	0	1
Education	12.5	1.5	10	15
Income	3500	1500	1000	6000
Health status	0.8	0.4	0	1
Employment status	0.6	0.5	0	1
Life satisfaction	4.5	1.0	3	6
Depression	0.2	0.4	0	1
Stress	3.0	1.5	1	5
Resilience	4.0	1.0	3	5
Optimism	4.0	1.0	3	5
Gratitude	4.0	1.0	3	5
Forgiveness	4.0	1.0	3	5
Self-esteem	4.0	1.0	3	5
Life purpose	4.0	1.0	3	5
Meaning in life	4.0	1.0	3	5
Existential well-being	4.0	1.0	3	5
Overall well-being	4.0	1.0	3	5

Fig. 50

Machine Setup

Anneal Conveyor

High Temp Alarm Limit

Temperature Setpoint

Low Temp Alarm Limit

Post-Cure Conveyor

High Temp Alarm Limit

Temperature Setpoint

Low Temp Alarm Limit

Initialization Lights

High Current Alarm Limit

Low Current Alarm Limit

No Scan Upper Init Time

No Scan Lower Init Time

No Scan Filter Select ☐

Post-Cure Lights

High Current Alarm Limit

Low Current Alarm Limit

Lamp Maintenance

Replaced Top Init Lamps ☐

Replaced Bot Init Lamps ☐

Replaced Post-Cure Lamps ☐

Save Changes **Cancel Changes**

2274

2272

2278

2280

2276

Fig. 51

2284 2286 2288 2290 2292 2294 2282

Recipe DB C:\OptDyn\MGR112700.mdb Browse...

Job DB C:\OptDyn\JobTickets.mdb Browse...

Ticket Dir C:\OptDyn\ Browse...

Ticket Poll Rate (sec) 2

Ticket Print Scale (%) 100

Archive Jobs Every 14 Days Keeping 3 Days

Cancel OK

Fig. 52

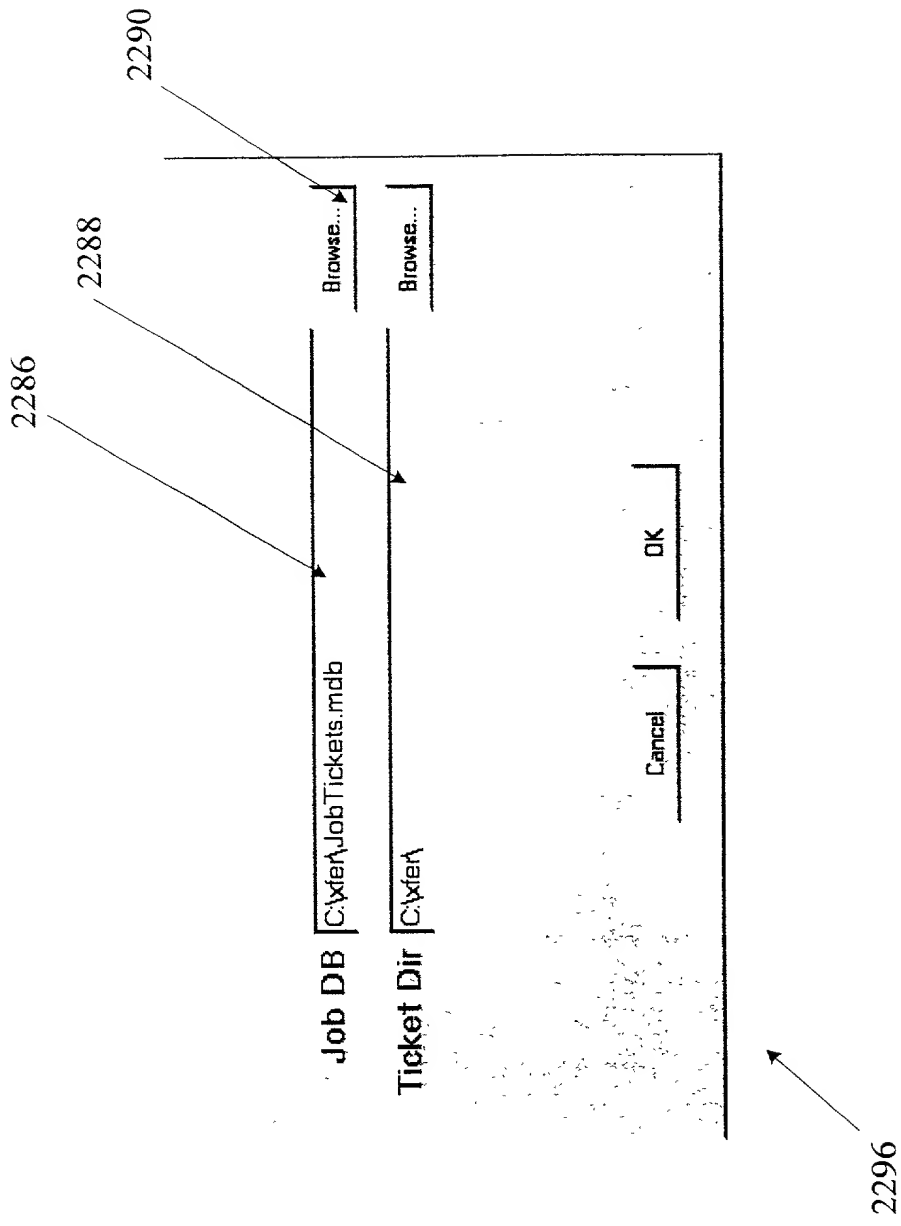


Fig. 53